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TransparenceQuality of print varies/
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## No. 13. <br> THE <br> EDUCATIONAL CIRCULAR.

 Superintendent shall forward to the Secretary of the Board of Trustees of each District a semi-aunual Circular, containing official notices, educational information, and especially a detailed statement of the Provincial Grants paid to Teachers, and the apportionment of the County Assessment Fund to Trustees. These Circulars shall be permanently filed by the Trustees, anil shall be accessible to Teachers in ach I istrict.

THEODORE FI. RAND, Chirf Supt. Education.
limention office, Fredericton, N. B., May 2, 1ss1.

DISBURSEMENT OF PROVINCIAL GRANTS AND APPORTIONMENT OF COUNTY FUND FOR THE SUMMER TERM ENDED OCTOBER 31, 1880 .
There were 97 toaching days in this Term in St. John, and Portland ; and 98 in Fredericton, Woodstock, Andover, St. Stephen, Milltown, St. Andrews, North Head, Moncton, Dorchester, Shediac, Salisbury, Elgin, Sussex Station, Newcastle, Chatham, Bathurst, Bathurst Village, Tracadie, Caraquet, Dalhousie, Campbellton, Buctouche, Richibucto, Lakeville, and some other Districts. In distributing the Provincial Grants and apportioning the County Fund to the Districts above named, the time the Schools were open and the attendance made, were raised to the basis of 108 days-the full Term required of the Schools in the country.
In the following statement, names in Italics indicate the Teachers who tanght in poor Districts, and whose Grants, and those to the Trustees from the County Fund, were increased beyond the ordinary amounts. The Grants to licensed and eligible Class-Room Assistants (c. r. a.) are onchalf the ordinary Grants to Teachers, according to the class of License and rank of School. The ordinary Provincial Grants per Term were, as provided by Sec. 13 of Chap. 65 of the Consolidated Statutes, as follows:-
M. I, \$55; M. II, $\$ 40$; M. III, $\$ 30$; F. I, $\$ 35$; F. II, $\$ 25$; T. III, $\$ 20$ : Teachers whose Schools are classified by the Inspectors receiving in addition per Term, First Rank, \$20; Second Rank, \$12.50; Third Rank, \$5. The Superior allowance is apportioned annually at the close of the School Year; and the Schools which participated in it are indicated by printing the names of the Teachers in small capitals.

COUNTY OF ALBERT.

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multicolumn{3}{|l|}{Prov'l Grant to Teachers.} \& \multicolumn{2}{|l|}{Locality.} \& \multicolumn{6}{|l|}{County Fund to Trustees.} <br>
\hline ' \& \& \& \& \& \& \& \& \& Moun \& <br>
\hline NAME

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\end{gathered}
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\hline Ammie J. Boore \& 2103 \& \$23 83 \& Alma \& 2 \& 103 \& 37 \& $2218 \frac{1}{2}$ \& \$14 \& S15 \& 05 <br>
\hline Thos. E. Colrim \& 1108 \& 14848 \& \& \& \& \& \& \& \& <br>
\hline Marilla Strong, c. r.a. \& 2108 \& 4250 \& \& 5 \& 108 \& 60 \& 403 \& \& 28 \& 436 <br>
\hline Selina E. Brewster.... \& 2100 \& 3271 \& " \& 6 \& 100 \& 28 \& 1785 \& 1901 \& \& 32.2 <br>
\hline Francis Doherty.. \& 380 \& 2963 \& " \& 7 \& 30 \& 14 \& 1036 \& 13347 \& \& ${ }_{20}{ }^{3}$ <br>
\hline Nettie A. Colpitts \& 3108 \& 2000 \& Coverdale. \& 1 \& 108 \& 30 \& 13817 \& 1500 \& \& 24 Sl <br>
\hline Mary E. Bacou. \& 269 \& 1597 \& " \& 2 \& 69 \& $\stackrel{2}{2}$ \& 608. \& 958 \& \& <br>
\hline Alice Mr. M. Char \& 2108 \& 2500 \& " \& 3 \& 108 \& 25 \& 1571 \& 1500 \& \& 2616 <br>
\hline Mary Jonah. \& 2107 \& 2477 \& " \& 5 \& 107 \& 37 \& 19912 \& 1485 \& 14 \& 339 <br>
\hline Jenetta 0. Stee \& 31108 \& 2060 \& " \& $\checkmark$ \& 108 \& 32 \& 2440 \& 2000 \& 17 \& 373 <br>
\hline Dora E Smith \& 255 \& 1697 \& " \& 7 \& 55 \& 17 \& 597 \& 763 \& 4 \& 11 si <br>
\hline Funice J. Bemmett \& 2108 \& 25, 04 \& " 3 ....... \& 13 \& 105 \& 18 \& 1132 \& 14 8: \& \& 22 29 <br>
\hline Minnie A. Dobson \& 2108 \& 2500 \& " 6 \& 14 \& 108 \& 28 \& 18543 \& 1500 \& 1317 \& - <br>
\hline Rpwerdy Streves. \& \& 1782 \& " do. \& 10 \& \& \& \& \& \& <br>
\hline Elise M. Trimble. \& 2 I 042 \& 32.4 \& Elgin...... \& \& 104t \& 25 \& 2009 \& 1935 \& 1427 \& 3362 <br>
\hline Ralit Colpitts. \& 198 \& 10471 \& \& 2 \& 196 \& 83 \& 5030 \& \& \& <br>
\hline Mary J. Steeves. \& 298 \& 6500 \& ) \& 2 \& 190 \& 83 \& + 570 \& 3000 \& 4 \& - 4 12 <br>
\hline Tea pd. in Kinis \& 2107 \& 3303 \& " ${ }^{\prime \prime}$............... \& 5 \& 107 \& 29 \& 570 \& \& rns too \& <br>
\hline John F. Peters, A. B.. \& 3108 \& 4000 \& " \& 7 \& 108 \& 24 \& 1427 \& 2000 \& 101 \& 3013 <br>
\hline Walter W. Gladstone.. \& 3108 \& 3000 \& \& 8 \& 103 \& 42 \& 2722 \& 1500 \& 1933 \& 8433 <br>
\hline George II. Laskey \& 294 \& 3481 \& \& 3 \& 94 \& 59 \& 3142, \& 1305 \& 2.31 \& 3isis <br>
\hline Maude E. Copeland \& ${ }^{\prime} 102$ \& 2360 \& \& 10 \& 102 \& 25 \& 1668 \& 1416 \& 1142 \& -is <br>
\hline Sarah E. Beck \& 112072 \& 3453 \& \& 12 \& 1072 \& 10 \& 25192 \& 1492 \& 1759 \& $32 \leq 1$ <br>
\hline Manly W. Widson. \& 31105 \& 3888 \& \& 15 \& 105 \& 46 \& 2742 \& 1943 \& 1947 \& 3590 <br>

\hline | Lena P. Woodworth |
| :--- |
| Annic J. Godfrey. | \& $\stackrel{2}{2} 108$ \& ${ }_{25}^{25} 00$ \& Harrey. \& 1 \& 108 \& 40

39 \& 2520
2403 \& 1500 \& 1790 \& 3290
3206 <br>
\hline jevibrley N. Nobles.. \& 1 SSt \& 12879 \& ) " \& \& \& \& \& \& \& <br>
\hline Claraj. MeCully, c. r.a \& 376 \& 7504 \& ; \& 3 \& 88! \& 74 \& 3044 \& 1228 \& \& 9 <br>
\hline Roswell Wilbur,. \& 1108 \& 5500 \& , \& 4 \& 108 \& 33 \& 1759 \& 1500 \& 1240 \& 2749 <br>
\hline John Cairns. \& 3108 \& 4000 \& " \& 7 \& 108 \& 38 \& 3312 \& 2000 \& 9352 \& 4359 <br>
\hline Mrartha E. Copp \& 3100 \& 2471 \& " \& 8 \& 100 \& 14 \& 75381 \& 1351 \& 535 \& $23 \leqslant 6$ <br>
\hline Jennic Moore. \& 1103 \& 5243 \& " $\quad . . . . . . . . .1$ \& 12 \& \& 23 \& \& Retu \& rns to \& <br>

\hline Emma L. Bishop \& 3108 \& 2000 \& Hillsho \& 1 \& 108 \& 29 \& 1197 \& $$
150
$$ \& \& 2350 <br>

\hline Josula Thoyrsos
Nettie MrLatchey \& 1107 \& 12400 \& $\}$ " \& 2 \& 215 \& 07 \& 54282 \& 2086 \& \& 6511 <br>
\hline Nettie McLatchey
CHIPMAN Brshor.. \& 31108
1
1108 \& 20 00 \& ) \& 2 \& 20 \& 07 \& 5428: \& 20 So \& \& <br>
\hline Isabella T. Gross \& 2108 \& 6500 \& i \& 3 \& 216 \& 95 \& $5588 \frac{1}{2}$ \& 3000 \& 39 \& 096 <br>
\hline Edwin Steeves. \& 3108 \& 3000 \& \& 4 \& 108 \& 53 \& 3107 \& 1500 \& \& 37 co <br>
\hline John C. Beatty . \& 2108 \& 4000 \& " \& 5 \& 108 \& 60 \& 3027 \& 1500 \& 21 \& 3043 <br>
\hline Edma A. Gorham \& 21108 \& 2453 \& ? \& 6 \& 100 \& 60 \& 4046 \& 1471 \& \& $47 \%$ <br>

\hline Elizabeth Keating \& | 3 | 972 |
| :---: | :---: |
| 2 | 108 | \& $\begin{array}{r}903 \\ 40 \\ 40 \\ \hline\end{array}$ \& ) \& 7 \& 108 \& 21 \& 1416 \& 1500 \& 1005 \& <br>

\hline Mona MSilion. \& 3108 \& 2666 \& " \& 8 \& 108 \& 37 \& 2423 \& 2000 \& 1721 \& 37 91 <br>
\hline Sarah A. Stevens. \& 2103 \& 2500 \& " \& 0 \& 108 \& 18 \& 1034 \& 1500 \& 734 \& 233 <br>
\hline Kate A. Dawson. \& 3107 \& 1981 \& " \& 10 \& 107 \& 47 \& $2767 \frac{1}{2}$ \& 1485 \& \& 345 <br>
\hline Pamelia J. Car \& 3108 \& 2000 \& " \& 11 \& 108 \& 39 \& $1617{ }^{-}$ \& 1500 \& 1148 \& 2648 <br>
\hline Flora Li. Reid. \& 2105 \& 2430 \& Elin \& 12 \& 105 \& 26 \& 161036 \& 1457 \& 1150 \& 2607 <br>
\hline Oliva $H$. Bartlet \& 3108 \& 2610 \& \& Elgin. \& 13 \& 100 \& 16 \& 14483 \& 1961 \& 1020 \& $\underline{2000}$ <br>
\hline Ada F. Irving. \& 31108 \& 2000 \& " ${ }^{\text {" }}$, \& 14 \& 108 \& 37 \& ${ }^{1647}$ \& 1500 \& \& 26 ${ }^{3}$ <br>

\hline Hozcard Stecues \& | 1 | 40 |
| :--- | :--- |
| 2 | 1051 | \& | 27 |
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| 39 |
| 9 | 04 \& " $\quad . .$. ... \& 15 \& 10 \& 10 \& 690 \& 7 \& \& 1200 <br>

\hline Ada Hussell... \& $2108^{2}$ \& 2500 \& ll....... \& 1 \& 2131 \& 05 \& 5535 \& 2904 \& \& 654 <br>
\hline Nath. Duffy \& 1105 \& 5500 \& ) \& \& \& \& \& \& \& <br>
\hline Marthar E. Bray. \& 2105 \& 2430 \& \& \& \& 22 \& 4866t \& \& \& <br>
\hline Leonora L. Roge \& 31103 \& 2545 \& " \& - \& 103 \& 29 \& 1025 \& 1907 \& 1367 \& 32 it <br>
\hline Esther Russell. \& 11107 \& 3487 \& " \& 6 \& 107 \& 38 \& 2087 ${ }^{2}$ \& 1485 \& 1482 \& 2967 <br>
\hline
\end{tabular}

COUNTY OF ALBERT．－Continued．

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multicolumn{3}{|l|}{Prov＇l Grant to Teachers．} \& \multicolumn{2}{|l|}{Locality．} \& \multicolumn{6}{|l|}{County Fund to Trustees．} <br>
\hline \multirow[b]{5}{*}{NAME．} \& \multirow[b]{10}{*}{} \& \multirow[b]{10}{*}{} \& \multirow[b]{10}{*}{PARISH．

2} \& \multirow[b]{10}{*}{} \& \multirow[b]{10}{*}{} \& \multirow[b]{10}{*}{} \& \multirow[b]{10}{*}{} \& \multicolumn{3}{|c|}{AMOUNT．} <br>
\hline \& \& \& \& \& \& \& \& \& \& <br>
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\hline \& $2 \left\lvert\, 105 \frac{1}{1}\right.$ \& \＄39 00 \& \& \& \& \& \& \& \& <br>
\hline Mary E．Carnwath．．．．． \& 3108 \& 2000 \& \} Hopewell....... \& 7 \& \& 86 \& …… \& Retu \& ns too \& late． <br>
\hline Yelson Smith．．．．．．．．．． \& $3{ }^{3} 121$ \& 2762 \& ＂ \& S \& 992 \& 57 \& 1820 \& \＄13 81 \& 1292 \& 32673 <br>
\hline Nettie Russell．．．．．．．．．． \& 281 \& 2499 \& ＂ \& 9 \& 81 \& 13 \& 7201 \& 1499 \& 万 12 \& 2011 <br>
\hline Abbic 3I．Smith．．．．．．．． \& 384 \& 105 50 \& ＂\＆Harvey \& 11 \& 84 \& 23 \& 1162 \& 1168 \& 826 \& 1092 <br>
\hline \& \& $\stackrel{\text { ¢ }}{ }$ \& \& \& \& 능 \& 呂 \& 안 \& ¢ \& 8 <br>
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COUNTY OF CARLEION．

| Therss B Perkins． | 3108 | \＄25 00 | Aberdeen |  | 1 | 10S | 45 |  | 15 | S13 07 | 2S 07 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gussie F．Crawford． | 2103 | 4642 |  |  | 3 | 108 | 30 | 1834 | 1500 | 1065 | 2565 |
| John Home． | 11003 | 7395 | ＂ |  | 4 | 1081 | 29 | 1398 | 1478 | 807 | ${ }_{2} 85$ |
| Annie M．İilpa | 3107 | 1981 | ＂ |  | 5 | 107 | 48 | 1725 | 1485 | 1002 | 2487 |
| İsbelia R．Joyn | 2103 | 3461 | ＂ |  | 6 | 108 | 44 | 1682 | 1500 | 977 | 2477 |
| Eliza Atkerson． | 2 1072 | 4832 | ＂ |  | 7 | 1072 | 32 | 1117 | 1492 | 649 | 2141 |
| L．J．Sherwood | 21106 | 7848 | ＂ |  | 10 | 108 | ${ }^{41}$ | 3408 | 1961 | 1979 | 3940 |
| Cath．A．Bub | 31108 | 4333 | ＂ |  | 11 | 108 | 22 | 2289 | 2000 | 1329 | 3329 |
| Sarah Smith． | 2 1072 | 4148 | ＂ |  | 13 | 1072 | 20 | 1065 | 1989 | 967 | 2956 |
| Elide J．Alexand | 3108 | 4000 | Brighton |  | 1 | 108 | 26 | 1627 | 1500 | 945 | 2445 |
| Wm．Taylor | $1{ }^{1} 62$ | 3874 |  |  | 2 | 62 | 35 | 1404 | 861 | 815 | 1676 |
| Sanuel A．Couilla | 1 96 | $\begin{array}{r} 7240 \\ 677 \end{array}$ | $\}$＂ |  | 3 | 96 | 60 | 2759 | 1332 | 1602 | 2934 |
| Wim．JcIntosh | 3 105 <br> 1 104 | 6259 | ${ }^{\prime}$ |  | 5 | 104 | 45 | 2505 | 14 | 1455 | 3140 2889 |
| 3laria Sharp | 2102 | 5664 | ＂ |  | 6 | 102 | 28 | 2394 | 1888 | 1390 | 3278 |
| Jno．A．McGui | 1.96 | 6865 | ＂ |  | 7 | 58 | 32 | 1941 | 1332 | 1127 | 2459 |
| Ales．JcLean | 246 | 1703 | ＂ |  | 9 | 46 | 32 | 512 | 638 | 297 | 935 |
| 3arleborough J．Dow． | 2106 | 6860 | ＂ |  | 11 | 106 | 23 | 13721 | 1961 | 797 | 2758 |
| Vary L．Britton．． | 3103 | 4200 | ＂ |  | 12 | 103 | 32 | $1909{ }^{2}$ | 1430 | 1107 | 2537 |
| Becas R T．Tedford | $\frac{2}{9} 88 \frac{1}{2}$ | 3001 | $\because \&$ |  | 17 | 881 | 28 | 1174 | 1228 | 682 | 1910 |
| G．IL S．Jamieson | $\underline{105}$ | 3888 | Northampt |  | 2 | 105 | 26 | 1935 | 1457 | 1124 | 2581 |
| Issbel A．McBride | 31 98 | 1816 |  |  | 3 | 98 | 25 | 1466 | 1360 | 851 | 2211 |
| Emma E．arilber | 299 | 2291 | ＊ |  | 4 | 99 | 42 | 17381 | 1374 | 1010 | 2384 |
| Nary Elligoud． | 3108 | 2000 | ， |  | 5 | 108 | 38 | 1154 | 1500 | 670 | 2170 |
| Lydia Sincock． | 2107 | 3303 | ＂ |  | 7 | 107 | 17 | 1034 | 19 S0 | 949 | 2929 |
| Samuel D．Alexande | 1108 | 7500 | Ken |  | 1 | 108 | 81 | 4871 | 1500 | 2328 | 4328 |
| 3linnic A．DeWolfe | 3108 | 2000 |  |  | 2 | 108 | 45 | 33712 | 1500 | 1957 | 3457 |
| Alice 2L Patterson． | 3.90 | 1779 | ＂ |  | ， | 96 | 45 | 1805 | 1332 | 1048 | 2380 |
| Hepsey A．Gresg | 2108 | 2500 | ＂ |  | 4 | 108 | 35 | 2713 | 1500 | 1575 | 3075 |
| Kate Crabl | 3105 | 2505 | ＂ |  | 5 | 105 | 55 | 2796 | 1943 | 1623 | 3566 |
| P．Jase Sfiller | 3108 | 2660 | ＂ |  | 7 | 108 | 22 | 1601 | 2000 | 930 | 2930 |
| Louisa J．Browo | 9102 | 2520 | ＂ |  | 8 | 102 | 30 | 158812 | 18 S8 | 922 | 2810 |
| Ellen Cumming | 3.97 | 2396 | ＂ |  | 9 | 97 | 17 | 625 | 1795 | 363 | 2158 |
| Lillic B．Silles． | 31106 | 1964 | ＂ |  | 10 | 106 | 46 | 2040 | 1471 | 1184 | 2655 |
| Wary Corbett． | 3 87 | 21.40 | ${ }^{6}$ |  | 11 | 87 | 19 | 651 | 1611 | 378 | 1989 |
| Hrs．W．Leonard | 3105 | 1940 | ＂ |  | 13 | 105 | 35 | 103S ${ }^{2}$ | 1457 | 603 | 2060 |
| Annie A．Cogroceli | 2108 | 3338 | ＂\＆P |  | 14 | 108 | 26 | 2211 | 2000 | 1284 | 3284 |
| Gertrude Wigsi | 3.99 | 1834 | ＂\＆P |  | 15 | 99 | 21 | 1056 | 1374 | 613 | 1987 |
| J．H．Harper | 2104 | 10747 | Peel． |  |  | 104 | 47 | 3176 | 1444 | 18 At | 3288 |
| $3_{3 r y}$ E．Boyer | 2103 | 5000 |  |  | 2 | 108 | 31 | 15722 | 150 | 912 | 2412 |
| Wiajman A．Smy | 199 | 8839 | ＂ |  | 3 | 99 | 37 | 2171 | 1374 | 1260 | 2034 |
| Annic B．Taylor． | 390 | 2777 | ＂ |  | 4 | 90 | 33 | 2072 | 1665 | 1203 | 2868 |

COUNTY OF CARLETON.-Continued.


[^0]COUNTY OF CARLETON.-Continued.


COUNTY OF CHARLOTTE.

| llobert Limond, 3I. D.. <br> Louist V. Rces. |  |  | upo |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lnuist V. Rces......... | 3 95 | 4100 | upo | 1 | 278 | 137 | 6297 |  |  |  |
| J. Necton Thorne. | 3108 | 6660 | Clarendon | $\underline{2}$ | 105 | 34 | 1508 | 2000 | 1245 | 3245 |
| Mary Mch. Mabey | 3106 | 19 6t |  | 1 | 106 | 38 | 2909 | 14 | 1899 | 3370 |
| Marjory MicCam. | 2103 | 25 co |  | 2 | 10 S | 55 | 2169 | 1500 | 1792 | 3292 |
| Fmma J. MfcLaughtin. | 3105 | 1946 D | Dusbarto | 2 | 105 | 24 | 1441t | 1457 | 1190 | 2647 |
| Julia E. Thompson... |  | 37 73 <br> 7 45 <br> 3  | " \& St. Patrick | $2 \pm$ | 06 | 33 | 1672t | 1332 | 380 | 2712 |
| Charles Cosan.... | 2100 | $\begin{array}{ll}37 & 04\end{array}$ | " | 3 | 100 | 20 | 1591 | 1388 | 1314 | 2702 |
| Laura yecomm | 29 | ${ }_{20}{ }^{2} 53$ | " | 5 | 90 | 21 | SUS | 1249 | ${ }^{7} 17$ | 1966 |
| Jlartha Rideout | 2104 | 2407 | " | 6 | $10 \pm$ | 44 | 2177 | 14.4 | 1788 | 3242 |
| Mlarianne Garcel | 237 | 2013 | $\cdots$....... | 7 | 87 | 30 | 1269 | 12 OS | 104 | 2256 |
| lizie A. Roulstit: | 275 | 1736 | S: St. Dinid | 7 | 75 | 38 | 2113 | 1041 | 1745 | 27 S6 |
| S. W, Irons $\ldots$.... | 1 97 <br> 9  | ${ }^{94} 29$ |  |  | 214 |  |  |  |  |  |
| Comelia A. Watt. | 297 | 4962 | $\int^{\text {Grand Manan }}$ | 1 |  | 145 |  | 2970 | 7407 | 037 |
| liamathy A Frankiane |  | 13 15.54 |  | 2 | 48 | 75 | $\underline{290}$ | 660 | 1834 | 2500 |
| II. V. JicKicl. . . . . . | 2 | 4278 | " | 3 | 88 | 69 | 2134 | 1221 | 1763 | 29 St |
| J.A. Desinay.... |  |  |  |  |  |  |  |  | 485 |  |
| Emily G. Blateh. | 21101 | 36 36 51 1 |  | $\begin{aligned} & 4 \\ & 5 \end{aligned}$ | 104 | 135 40 | 2871 | 1402 |  | 1043 3685 |
| $\mathrm{I}_{\text {L }}$ S. Pickett... | 1101 | ${ }_{75} 181$ | " | b | 102 | 53 | ${ }_{2641}^{2763}$ | 1402 | 2283 | 3689 |
| Sarah B. Gilley | 2) 503 | 2S 0 | " | 7 | 502 | 22 | 1098 | 935 | 989 | 1924 |
| 3L Anna Wilurd | 2103 | 3575 L | Lepratua | 2 | 103 | 48 | $2350{ }^{1}$ | 1.430 | 1947 | 3377 |
| Jobn Gillesp | 31103 | 3000 |  | 3 | 108 | 42 | 1872 | 1500 | 1546 | 3046 |
| Annic Daley | 3108 | 5985 |  | 5 | 108 | 23 | 1645 | 2000 | 1359 | 3359 |
| joa, pd. in St, John Co. |  |  | " \& Musquash | 1 |  | 11 | $454 \frac{1}{4}$ |  | 3 75 | ${ }_{28} 75$ |
| Waiter $G$ Holnics | $\stackrel{2}{2} 107$ | 37 161 P | Pennfield. | 1 | 107 | 31 | ${ }_{3}^{13604}$ | 1485 | 1129 | 2614 |
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COUNTY OF CHARLOTTE.-Continued.


COUNTY OF CHARLOTTE.-Continued.



COUNTY OF GLOUCESTER.

| Jane D. Iussey. C. W. Merserenu, A. B. Helen Schan. Mssa Welch. | $2\left\|\begin{array}{cc}208 & 540 \\ 1 & 00 \\ 98 & 05 \\ 00\end{array}\right\|$ Bathurst ........... |  |  |  |  | $3{ }^{108}$ |  | 2205 |  | \$29 93\|\$49 98 |  |
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|  | 1 <br> 187 | 7445 | " |  | 2 |  | 121 | 7357 | $3 \pm 58$ | 10003 | 13461 |
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| Seran Filliams. | 31103 | 3179 | " |  |  |  | 42 | 26481 | 1907 | 3601 | 55 OS |
| Hatie II Norton. | 3103 | 2384 | " |  |  | 103 | 23 | 1439 | 1430 | 1957 | 3387 |
| Fanie Hornibroo | 255 | 3169 | ' |  | 5 | 55 | 37 | 21792 | 763 | 1604 | 2967 |
| james D. Skelly. | 8108 | 4000 | " |  | 6 | 108 | 27 | 1274 | 1500 | 1732 | 3292 |
| Tharrille J. Hachey. | 31202 | 3791 | * |  | 7 | 10 ? | 32 | 2283 | 1888 | 31.04 | 4992 |

COUNTY OF GLOUCESTER.-Continued.


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Ium MeMinn. Aunie Mclie(t) silmin Babin. Mary Mchomal initew Lellha. William Thurr Jamien Bourge
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C. figr $A$. Contre Anuie I. Chrssta
Lillins J Wijson Lillins J. Wilson. Janct Eddy .....
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COUNTY OF GLOUCESTER.-Continued.


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| Shain Rabi | 38 | 23 SS |  |  | S | S6 | 40 | 15.51 | 1104 | 1122 | 2316 |
| Mary Melonal | 1103 | $33: 371$ | Dundas |  | 1 | 103 | 4i) | ${ }^{2} \times 2$ | 1430 | 204 | 34 $3+$ |
| Aluitew lel3ha | 3105 | ? 310 |  |  | $\stackrel{\square}{3}$ | 105 | :30 | 13:3 | $1.4: 5$ | ${ }^{1} 389$ | 3 |
| Willism Thurro | 2103 | 4000 | " |  | 3 | 103 | 57 | 2914 | 1500 | 20 * | 3503 |
| Imaien Bourge | 21107 | 3962 | ": |  | 1 | 107 | 73 | 30773 | 1485 | 2009 | 4094 |
| Agres Hachey. | 3108 | 2500 | " |  | 5 | 108 | 31 | 1582 | 2000 | 1123 | 3123 |
| Jerome Bellivea | 3108 | 3000 | " |  | 6 | 108 | 36 | 1404 | 1500 | 996 | 2496 |
| liseph D) LeBla | 3107 | 2972 | " |  |  | 107 | 51 | 25042 | 1485 | 1777 | 3202 |
| inillian Bourqu | 395 | 2635 | "" |  | S | 95 | 35 | 1592 | 1319 | 1130 | $\underline{24} 4$ |
| Inuis Cormicr. | 3) 09 | 27401 | " |  |  | 99 | 30 | 1152 | 1334 | 817 | 2191 |
| Aurelia B. Carp | 3108 | 2000 | M | onctor | 10a | 108 | 16 | 1156 | 1500 | S 201 | 2320 |
| Ronbert Brow | 31103 | 9s 60 | " |  | 10. | 103 | 39 | 1153: | 1430 | 819 | 2249 |
| Iustine Gallania | 3100 | 15.53 | " |  |  | 100 | 49 | 2293 | 138 | 1626 | 3014 |
| Lumiste Bomucal | 3108 | 3000 | " |  |  | 108 | 7.5 | 2927 | 1500 | 2077 | 3577 |
| Philias A. Richan | 3106 | 2944 |  |  | 12 | 106 | 38 | 2085 | 14 71 | 1479 | 2950 |
| Ethel Aver..... | 3 69 | 12791 |  |  | 13 | 01 | 47 | 2026 | 1263 | 1437 | 2700 |
| Tea ple in Westind | 3.2 | 11 | , |  |  |  | 13 | 019 |  | 4 39 | 430 |
| Margaret Wellcoood. . | 3:103 | 2500 | arcou |  |  | 108 | 12 | 795 | 2000 | 56 | ${ }^{5} 64$ |
|  | ${ }^{2}{ }^{1} 105$ | $\left.\begin{array}{lll}38 & 88 \\ 13 & 40\end{array}\right\}$ |  |  | 5 | 105 | 74 | 3073 |  | 2 | 4276 |
| Jomme it Wathan | ${ }^{2} 158$ | ${ }^{13} 484$. |  |  | 6 | 105 | 20 | 931 |  |  |  |
| Ch. Cawperthwaite, | i 95 | 9483 |  |  |  |  |  |  |  |  |  |
| Simh Forster. | 3 OS | 7408 |  |  |  |  |  |  |  |  |  |
| Daniel Gillis. | 18 | 04 cost |  |  | 1 | 432 | 193 | 12040 | 60 | 9181 | 15181 |
| $W$ Winifred MeDou | 29 | 3750 |  |  |  |  |  |  |  |  |  |
| C. RGE A. Contys. | 1108 | 15442 |  |  |  |  |  |  |  |  |  |
| Annie L. Chrsst | 2103 | 6500 |  |  | 2 | 432 | 154 |  | 60 | S5 |  |
| Lanet Eddy ${ }^{\text {Lilias }}$ J. | 2108 | 5000 |  |  | 2 | 43. | 154 | 12015 | 0000 | 5 |  |
| Janet Eddy | 31103 | ${ }^{25} 001$ |  |  |  |  |  |  |  |  |  |
| Mary Morton | 31105 2107 | 30614 |  |  | 3 | 105 | 2 | 1745 | 19 <br> 14 <br> 43 <br> 15 | 1238 <br> 83 | ${ }_{23} 315$ |
| Celste Richard | 2108 | 49 S ? | " |  | 6 | 108 | 32 | 2634 | 1500 | 1897 | 3397 |
| Jarie Celima Bou | 3100 | 3874 | " |  | 7 | 106 | 40 | 3164 | 1471 | 2245 | 3716 |
| Jarie B. Bourqu | 31100 | 4441 | " |  | 8 | 106 | 51 | 4007 | 1471 | ${ }^{2} 843$ | 4314 |
| Cobert | 3108 | 3500 | " |  | 9, | 108 | 25 | 14304 | 1500 | 1015 | 2515 |
|  | 21004 | 4435 |  |  | 10 | 1063 | 26 | 19464 | 1478 | 138 | ${ }^{2} 859$ |
| Ythan Rasineat. | $3 \mid 105$ 3107 | [ $\begin{array}{lll}39 & 15 \\ 30 & 63\end{array}$ | " |  | 11 |  | 33 | ${ }_{2055}^{1841}$ | 14 64 |  |  |

COUNIIY OF KENT．－Continuted．

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|}
\hline \multicolumn{3}{|l|}{Prov＇l Grant to Teachers．} \& Locality． \& \multicolumn{6}{|r|}{County Fiund to Trustees．} \\
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\hline 6 \& 4 \& 3 \& 2 \& 112 \& 3 \& \& 5 \& \& \\
\hline \multicolumn{10}{|l|}{\multirow[t]{2}{*}{Francois Landry．．．．．．}} \\
\hline \& \& \&  \& \& \& \& \& \& \\
\hline \multicolumn{10}{|l|}{Ex．Melanyon，dut 30.311783000} \\
\hline Maric A．labincan．．．．． \& 3105 \& 2000 \& \& 3 110s \& 57 \& 50451 \& 1500 \& \& ， \\
\hline Mary c．Daiple．．．．．．．． \& 3105 \& 2000 \& \& 41105 \& 38 \& 3343 \& 1500 \& 16 \& 31 \\
\hline \& 3105 \& 1946 \& \& 6 \({ }^{\text {（105 }}\) \& \(\stackrel{2}{2}\) \& 1806 \& 14.78 \& 12 \& 97 \\
\hline Furcme Daigle．．．．．．．．． \& 3100 \& 29.44 \& SMich \& 7100 \& 35 \& \(\underline{2170}\) \& 1471 \& 15 \& 31 \\
\hline \multirow[t]{2}{*}{Daniel Arsenkult ．．．．．．} \& 3105 \&  \& \& \(\mathrm{S}^{1105}\) \& 20 \& 1472 \& 143 \& 104 \& 哭 \\
\hline \& 31104 \& 19.3 \& \& 11104 \& 27 \& 2002 \& 14.44 \& 14 \& 23 \\
\hline Susimne Mailett．．．．．． \& 31103 \& \({ }^{2} \mathrm{Scol}\) \& St．Ma \& \(1{ }^{1} 103\) \& \({ }_{6}{ }_{5}\) \& 3023 \& It 30 \& \(\cdots\) \& 3 \\
\hline Crille dormicr．．．．．．． \& 2105 \& 200 \& \& \(\bigcirc 105\) \& 32 \& 1：142 \& 150 \& 10 \& 2 \\
\hline Euphemia（irimard．．．． \& 3110：3 \& 19 09， \& ＂ \& ：： 103 \& 5 \& 1996 \& 1430 \& 141 \& \(2{ }^{2}\) \\
\hline \multirow[t]{2}{*}{Maggic Morcison．．．．．．} \& 31105 \& 95 \({ }^{5}\) \& \& G： 110 \& \(\because 1\) \& \({ }^{2} 25\) \& \& 16 \& \\
\hline \& 3100 \& 34 71 \& \& 7100 \& 5 \& \(1+10\) \& 25.51 \& \& 1 \\
\hline ．Jıhn Limstanc．．．．．．．．． \& 3105 \& 2000 \& \& 10 108 \& 18 \& 106：\({ }^{2}\) \& 1500 \& 7 \％ \& 29 \\
\hline İeljutine Gaudet．．．．．． \& 3108 \& \({ }^{2} 500\) \& ＂، \& 11 10s \& 31 \& 19MS \& 9000 \& 17 \& ．r \\
\hline \multirow[t]{2}{*}{Pruciopuce A．Belliccat
Iliaire Mebert．．．．．．} \& 3105 \& 3750 \& \& 121105 \& ：3 \& 1835 \& 2000 \& 1： \&  \\
\hline \& 3． 49 \& 13 cli \& \& 1318 \& 3 \& 1107 \& 6 so \& 5 \& 17 is \\
\hline Ellen（hrystal．．．．．．．．．． \& 9 \& \(\underline{2011}\) \& Weldion \& 1 ？ \& \({ }^{27}\) \& 20172 \& 13 74 \& \& 20.5 \\
\hline Mrs James Thurrott．．． Flurc YcKindrict \& \({ }^{5} 1074\) \& 24 \& \& \(\bigcirc{ }^{107}\) \& 36 \& 21.42 \& 1483 \& \& 812 \\
\hline \multirow[t]{2}{*}{\begin{tabular}{l}
Fluru Mckendrick．．．． \\
Croulime M．Waman．．．
\end{tabular}} \& 3105 \& \({ }^{26} 601\) \& \& \({ }^{31}\) \& 119 \& 1303 \& \(20{ }^{(1)}\) \& \& mo \\
\hline \& 2 ？ 108 \& 2500 \& \& \(3 \cdot 108\) \& 昗： \& 1190 \& \& \& ri \\
\hline \multirow[t]{2}{*}{luman Gillis．．0．．．．．．．．} \& 31188 \& 30001 \& \& \(3: 105\) \& 37 \& 2046 \& \(3: 50\) \& 14 \& － \\
\hline \& 31062 \& 3696 \& \& \({ }^{4} 1010\) \& 31 \& 14：4 \& 197 \& 101 \& \(\cdots\) \\
\hline \multirow[t]{2}{*}{A．3．16．Peters．．．．．．．．} \& 3110s \& 3000 \& \& 5105 \& \(\underline{\square}\) \& 533 \& 15 CO \& \& － 0 \\
\hline \& 3108 \& 2000 \& ＂ \& 54103 \& 12 \& 614 \& 1500 \& \& \(19 \%\) \\
\hline Domitile Bernard．．．．．． \& 3105 \& 2000 \& ＂ \& 6105 \& 53 \& 2331 \& 1500 \& 16 s \& ＋ \\
\hline \multirow[t]{2}{*}{Maude EL Powell．．．．．．．} \& 21105 \& 2430 \& ＂ \& 5 105 \& S0 \& 1244 \& 14 5in \& 102 \& 4 \\
\hline \& 1i10S \& 5500 \& ＂ \& 9 108 \& 45 \& 30363， \& 1500 \& 215 \& \％ \\
\hline I．F．Dorothy Noscly T．Withen． \& 31107 \& 2972 \& ＂\(\quad . . . . . . . . .\). \& 10 107 \& 27 \& 1021 \& 14 \(\mathrm{sin}^{\prime}\) \& \(7{ }^{1}\) \& 응 \\
\hline \multirow[t]{2}{*}{siary Collins． Sirih Hutchison．} \& 33105 \& 26 cic \& \& 11 10S \& 1.4 \& Cris \& \(\bigcirc 000\) \& \& 4 \\
\hline \& 2105 \& \({ }^{2}{ }^{2} 00\) \& ＂＇ \& 12 105 \& 2 \& 18612． \& 15.00 \& \& \\
\hline \multirow[t]{2}{*}{Win．Mexichacl．．．．．．．．．} \& 3 n 91 \& 96 \& \& 13 902： \& \(\stackrel{7}{7}\) \& 1149 \& 13 Sl \& \& 310 \\
\hline \& \(\bigcirc 10{ }^{-1}\) \& 3500 \& \& 14 105 \& ： 6 \& －2104： \& 35 w \& 145 \& － \\
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\hline \multirow[t]{2}{*}{Alma M．Grabaul．．．．．．． Amnic Brmw，} \& \&  \& \& 16 110S \& 4 \& ：3015： \& 1500 \& \(\underline{21}\) \& 雨 \\
\hline \& \({ }^{31107}\) \& 19181 \& \& 17105 \& 43 \& 1674 \& 14 s \& 11 \& 36 \\
\hline －lmes Holmiden．．．．．．． \& 31105 \& 12， 0 ch \& \& 1S 105 \& 17 \& 57 \& \(20{ }^{10}\) \& \& 3 \\
\hline \multirow[t]{2}{*}{H＇m．JicNulty Mary L．Athinson．} \& 3,106 \& \begin{tabular}{l}
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\hline \multirow[t]{2}{*}{Mingric A Graham ．．．．} \& 2inos \& 49 SO \& \& 2 2rios \& 50 \& 2035 \& 2500 \& \& <br>
\hline \& $\bigcirc 1031$ \& Co ${ }^{\text {\％}}$ \& ＂\＆St．Marys \& 31.1034 \& 30 \& 17538 \& 1.437 \& 12 ${ }^{\text {asi }}$ \& 50 <br>

\hline | Mary Alma Carter．．．．． |
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| （irace Orr． | \& ${ }^{2} 1103$ \& 5618 \& ＂ $18 . . .$. ．．． \& 4103 \& 40 \& 19602 \& 1430 \& 138 \& \％ <br>


\hline \multirow[t]{2}{*}{| Cath．MICDonald．．．．．．．． |
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| M．Margaret Michaud．． |} \& 31108 \& 3s 52 \& ＂ \& 5 S 108 \& 40 \& 2310 \& 14 44 \& \& ぶ心 <br>

\hline \& $1{ }^{1}$ \& 35000 \& \& \& \& \& \& \& <br>

\hline Mararet slaillett．．．．．． \& | 1.35 |
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| 305 | \& $\begin{array}{lll}5.5 & 00 \\ 20 & 00\end{array}$ \& \& 7304 \& 1180 \& \& 4500 \& \& 151 <br>

\hline Ihilo＇o Belliveau，c．r．z． Mary Routanne． \& 3.

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\hline Belle Stecres．．．．．．．．．．．． \& 2105 \& 4.373. \& ＊ \& 5105 \& 40 \& 1935 \& 1458 \& \& 3515 <br>
\hline \multirow[t]{2}{*}{Thlia Bourgcois． Iippolvte Gudet．} \& 31102 \& ${ }_{23} 3$ \& ＂ \& 9101 \& 5 \& $\underline{595}$ \& 1402 ？ \& \& ふ心 <br>
\hline \& 31105 \& 3 3 00 \& ＂ \& 10 ilas \& 5 \&  \& 1500 \& is \& 3511 <br>
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## COUNTY OF NORTHUMBERLAND.



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## COUNTY OF QUERNS．

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|}
\hline Amelia \& \& \& Brunswick \& 3 \& \(105 t\) \& 14 \& \& 19 529 \& si \(03 \times 23\) \\
\hline F＇rank Mr．Nelley \& \(2^{\prime} 69\) \& 5109 \& \& 4 \& \(69^{-}\) \& 23 \& 1260 \& \& （i）sill 194 \\
\hline \& 2105 \& 450 \& \& 5 \& 10s \& 11 \& \& 1500 \& 4 6t： 19 Gt \\
\hline Tea．pd．in Kings Co \& \& \& \[
\text { \} } \begin{gathered}
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\] \& 23 \& \& \& \& \& 19119 \\
\hline Hachel J．Ruob \& 210 \& 4500 \& ， \& － \& 10s \& 4： \& 2461 \& 15 \& 19429 \\
\hline Johm J．Clark \& 1） 1 S \& 5015 \& \& 9 \& 93： \& （i） \& 3172 \({ }^{\prime}\) \& \(1: 3\) \& 1727 \\
\hline Arsie E．Bul \& \(9100^{-}\) \& 43731 \& \& 4 \& 10： \& IS \& \(115 \%\) \& 148 \& （3）20） \\
\hline Lizzie Me．J Iu \& 310.3 \& 3174 \& \& \& 1053 \& 3.3 \& 17041 \& 14 cif \& 94） \(4^{4}\)（4 \\
\hline Malcour D．Br \& \({ }^{2} 70\) \& is 49， \& ＂\＆Water \& 6 \& \(7{ }^{7}\) \& 24 \& 1503！ \& 14 㕲； \& s 20，心2 \\
\hline Minnic Ex Mr \& 2105 \& 1665 \& \& 7 \& 10 s \& 31 \& \(2410^{-}\) \& 20 （1） \& 1：1．i． 315 \\
\hline Nettic I．Bely \& 2110 \& 415 \& \& S \& \(10 \cdot\) \& 15 \& \(97 \%\) \& 148 \& \({ }_{5} 300015\) \\
\hline dmnie A．Colv \& 3.102 \& 3070 \& \& 9 \& 102 \& 19 \& 10．33 \& 1416 \& 5） 34 \\
\hline \(\mathrm{I}_{6}\) J．FLo \& \(2 \cdot 105\) \& 65 ！ 14 \& \& 10 \& 103 \& 43 \& 1936！ \& 15000 \& 10 53 \\
\hline M Balmani．．．． \& 9106 \& \& \& 10 \& \& \& \& \& \\
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32 \& 1475： \&  \& 1384.30 \\
\hline Augusta \(A\) ．Morrell \& \(2: 103\) \& 5919 \& ming． \& 1 \& 108 \& 31 \& 1814 \& 150 \& 10 43， 9 is \\
\hline Tea pla in Sumbury C \& \& \& ＊ \& 1 \& \& 3 \& 274 \& \& 130.150 \\
\hline Carric C．Palmer ．－ \& 3108 \& 33 50 \& \& － \& 109 \& 13 \& 1045 \& 1500 \& 502000 \\
\hline Frankic L．D \& 398. \& 3911 \& ＂ \& ， \& 93 \& 2. \& 1499 \& 1504 \& 5170 \\
\hline John OM \& 185 \& \(\begin{array}{lll}51 \& 14\end{array}\) \& ＂ \& 4 \& S： \& ： \& 376 \& 15 \& \(90.017{ }^{17}\) \\
\hline Angrlina Wasson \& 3107 \& 3319 \& \& 7 \& 107 \& 43 \& 2657 \& 14 Sij \& \(14+8\) \\
\hline Margrie M．Bowde \& \(\bigcirc 100\) \& 4185 \& \& S \& 100 \& 62 \& 3245！ \& 13 S \& \(17{ }^{7} 1819\) \\
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\hline Geo．G．Williams． \& 3105 \& 4250 \& agetow \& 2 \& \(10{ }^{-}\) \& 21 \& 1126！ \& 15000 \&  \\
\hline Darid Wilson，A． \& 11104 \& 72 비！ \& \& 3 \& 212 \& S0 \& 520 \& \(\underline{0} 44\) \& こ心がっ \\
\hline J．Leslic Smith． \& \(\stackrel{3}{2105}\) \& 50
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0 \& \& \& 96 \& 12 \& \& \& 2sily <br>
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[^1]COUNTY OF QUEENS.-Continued.


COUNTY OF RESTIGOUCHE.


## COUNTY OF ST. JOHN.



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COUNTY OF ST. JOHN.-Continued.


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COUNIY OF ST. JOHN.-Continued.


COUNTY OF SUNBURY．

| Prov＇l Grant to Teachers． |  |  | Locality． |  | County Fund to Trustees． |  |  |  |  |  |
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| NAME． |  |  | PARISH． |  |  |  |  | AMOUNT． |  |  |
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| Cath．A．Bryson | 3101 | 231 16 | Blissville | 1 | 101 | 12 | 1130 | \＄18 69 | S5 |  |
| Carrie E．Boyd． | 359 | 2678 | \＆Gladstone | 2 | 80 | 29 | 1678 | 1235 |  | 210 |
| Olive M．Smith． | 2107 | 4458 |  | 3 | 107 | 43 | 1159 | 1485 | 613 | 20 S |
| Sadie J．Turner | 2100 | 6237 | ＂ | 5 | 100 | 37 | 13112. | 1851 | 6 | 254 |
| Janet E．McKenz | 2108 | 6666 | ＂ | 6 | 108 | 17 | $1183 \underline{1}$ | 2000 | 620 | 26.6 |
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| A．W．B．Garrisoli． | $\because 29$ | 5110 |  | 4 | 92 | 43 | 20533 | 1277 | 10 S6 | 23 ¢ |
| Edith J．Bulley：．． | 2107 | 6458 | ＊ | 5 | 107 | 26 | 1267， | 1485 | 670 | $21: 3$ |
| Amanda E．Barke | 2108 | 6500 |  | 6 | 103 | 23 | 12385 | 1500 | 655 | 21 aj |
| J．Frank Scribner | 2 108 | 6000 | ＂ | 7 | 108 | 26 | 1756 | 1500 | 928 | $2{ }^{2}$ |
| Elizabelh Mr．Crombic | 3108 | 2000 | ＂ | S | 108 | 44 | 24563 | 1500 | 1299 | 29 |
| Kizzic Broun | 2105 | 5000 | ＂ | 9 | 10 s | 42 | 2412. | 2000 | 1270 | 32 ij |
| Mayy Layes | 3103 | 50 S 9 |  | 10 | 103 | 35 | 3415 | 1907 | 1506 | 3i 13 |
| Georyic A．R．Hobe | 3108 | 4000 | ＂ | 11 | 108 | 33 | 1401t | 1500 | 741 | 224 |
| C．I＇，McCutchen | 3108 | $93 \quad 33$ | ＂ | 12 | 105 | 17 | 1022t | 2000 | 541 | 2511 |
| T＇heresa A．Carr | 3108 | $33 \quad 33$ | ＂ | 33 | 108 | 29 | 1055 | 2000 | 575 | 937 |
| Wm．B．DeLong | 3108 | 6666 | ＂\＆Gagetown | 14 | 108 | 10 | 928 | 2000 | 191 | 2491 |
| Ammic J．Hartt． | 2108 | 6500 | Gladstone． | 1 | 108 | 73 | 3335 | 15 Gu | 1763 | 32 63 |
| Charlotte A．Adams． | 2108 | 6500 |  | 2 | 108 | 16 | 10002 | 1500 | 5 | 2034 |
| MaryJ．McQuestion | 2107 | ${ }_{63} 06$ | ＂ | 3 | 107 | 37 | 104\％ | 1980 | 553 | 253 |
| Charles L．Tracey | 294 | 72.21 | ＇ | 4 | 94 | 29 | 1071 | 1305 | 5 | 1871 |
| Annie Smith．． | 3103 | 3818 |  | 6 | 103 | 37 | $2240 \frac{1}{7}$ | 1430 | 1185 | 2615 |
| George B．Nevers． | 2108 | 6425 | Maugerville | 1 | 108 | 39 | 2171 | 1500 | 1148 | 26 ts |
| Arthur L．Belyea | I 107 | $123 \mathrm{S3}$ |  | 2 | 107 | 30 | 1942t | 1485 | 1027 | 2 S |
| Sarals G．MeClusk | 3105 | 4000 |  | 3 | 108 | 24 | 13532 | 1500 | 716 | 2316 |
| Elits W．Heary | 2107 | 5943 | Lincoln． | 1 | 107 | 37 | 2574 | 1485 | 13 61 |  |
| Mary Jarvis． | 2108 | 65 00 |  | 3 | 105 | 52 | 3347 | 1500 | 1770 | 3270 |
| Marion J．l＇ickurd | 2105 | 4500 | ＂ | 4 | 108 | 31 | 1564t | 1500 | 8 | $23 \pm$ |
| tmic B．Adams． | 2105 | 5000 | ＂ | 5 | 105 | 37 | 1882 2 | 1500 | 997 | 24 |
| Mary E．McLcary | 3108 | 354 | ＂$\ldots \ldots . .$. | 6 | 108 | 14 | S31 | 2000 | 439 | 24 |
| Tea．pd．in York |  |  | ）Lincoln and New ）Maryland．．．．． |  |  | 4 | 245 |  | 130 | 1＊） |
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| John P．Stuart | 215 | 554 |  | 5 | 58 | 14 | 993 | $16 \geqslant$ | 520 | 213 |
| rea．pd．in queens Co．． |  |  | （Northficld and） | 1 A |  | $\underline{2}$ | 941 |  | 40 | $44^{4}$ |
| Louist Bulyea | 295 | 4082 | Sheffield．．．．．．．．．． |  | 38 | 19 | 12584 | 1360 | 665 | 9\％ |
| Amnic E．Colwell．．．．．．． | 3105 | 4468 | ＂\＆Çaming | 1. | 108 | 12 | S54 | 1500 | 45 | 193 |
| Geo．II．V．Bulyea，B． A ． | 1108 | ${ }^{95} 00$ |  |  |  |  |  |  |  |  |
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| diberta II．Clayton．．．． | 31108 <br> 3 <br> 105 | 40 <br> OS <br> O7 <br> 1 | Sheftield． | 3 | 108 | 11 | 534 | 1500 | ${ }^{\circ} 83$ | 173 |
| Brissie A．Briday | 2108 | S2 65 | Shemela． | 4 | 108 | 42 | $2860^{\circ}$ | 1500 | 1512 | 3012 |
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COUNTY OF VICTORIA.


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| Juth EL Walker | 3108 | 2980 |  |  | 2 | 108 | 29 | S93 | 1: 00 | 515 | 2015 |
| John S. Rawortl | 2105 | 6000 | " |  | 3 | 108 | 37 | 1563 | 1500 | 1075 | 2575 |
| Susie J. W'cleh. | 389 | 9745 | 6 |  | 4 | $8!$ | 23 | 932 | 1647 | 538 | 21 S |
| Jessie A. Jones. | 210 S | 3750 | * 6 |  | 6 | 108 | 35 | 2140 | 1500 | 1235 | 27 3is |
| lim. J. Mrconnell | 3105 | 6478 | ، |  | 7 | 105 | 33 | 1782 | 1943 | 1023 | 29 il |
| Frank Allen. | 3108 | 7000 | * |  | 9 | 108 | 49 | 2482 | 1500 | 1432 | 2932 |
| Wim. C. Trenholm | 2108 | 7932 | " |  | 10 | 108 | 30 | 1605 | 1500 | 961 | 24 Cl |
| Vim. X. Sjuence. | 3108 | 7000 | 3 |  | 11 | 108 | 29 | 1787 | 1500 | 1031 | 2531 |
| John G. Jamb. | 2108 | SO 0 | ، |  |  | 108 | 38 | $2002 \frac{1}{2}$ | 1500 | 1501 | 3001 |
| Sumuel C. Murmay | 2108 | 6000 | " |  | 13 | [10S | 33 | 2081 ? | 1:500 | 1201 | 2701 |
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| Annie E. Fitchict | 3 62 <br> 3 88 | 1866 |  |  | 16 | 150 | 65 | ¢ 1 | 2083 | 1901 | 4074 |
| Emeline Cormier Bliss Jarven. | 3 88 <br> 2 108 | 26 52 54 50 |  |  | 17 | 108 | 43 | 2087 | 1500 | 1204 | 2704 |
| Ilenry Leger. | 3107 | ${ }^{2} 284$ | " |  | 18 | 107 | 29 | 1933 | 1980 | 1115 | 3095 |
| Pacijique E. Burl | 3108 | 7318 | " |  | 19 | 108 | 32 | 1633 | 2000 | 9 77 | 2977 |
| Jude D. Helucrt. | 3107 | 4023 | " |  | 20 | 107 | 33 | 1765 | 1980 | 1018 | 2095 |
| Jalia Lowerison. | 3108 | 3250 | Doxcheste |  | 1 | 108 | 14 | 850 | 1500 | 545 | 2048 |
| S. A. NcLeod, A. B.... | 183 | 8249 |  |  |  |  |  |  |  |  |  |
| Thomas Harrison, A. B. |  | 11 515 19 | c |  | 2 | 320 | 147 | 7799 | 4444 | 4500 | S9 44 |
| - ${ }^{\text {a }}$ Richardson. |  | 4133 |  |  |  |  |  |  |  |  |  |

COUNTY OF WESTMORELAND.-Continued.


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## Fufara G．Smith．．

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Milias J．Lioudreau．．


COUNTY OF WESTMORELAND.-Continued.


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| Gillis H. | $1{ }^{107}$ | 9015 |  |  | 3 | 1073 | 34 | 223 | 1402 | 107315 |
| Mary A. Jo | 3 943 | 2544 | " |  | 5 | 94t | 20 | 1095 | 1312 | 527 15 2 |
| Frai p | $210{ }^{-}$ | 4500 | " |  |  | 105 | 23 | 11901 | $1: 50$ | 5 5si 313 |
| Barbara.J.C | 31103 | (i) 00 | " |  |  | 108 | $\underline{-1}$ | 1391 | 2000 | 6 a 26 Cs |
| W. II. Ande | 2158 | ${ }^{2} \mathrm{c}$ 6t | " |  |  | 58 | 15 | 657 | 1073 | 31513 s |
| Celia A Fishe | 31103 | 5203 | " |  | 8 | 103 | 17 | 919 | 1500 | 441019 |
| hon | 3108 | 4375 | " |  | 9 | 10 S | 30 | 12072 | 2000 | 609 $0^{80} 0$ |
| Bertha | 3108 | 44 S 9 |  | Qucens | 10 | 108 | 21 | 1293 | 1500 | 621.21 |
| James Hartin | 3107 | 30 54 | Canter |  | 1 | 107 | 23 | 038 | 148 | 450193 |
| Minmie A. Craig | 310 S | 3933 |  |  | 2 | 105 | 42 | 27014 | 1500 | 129 |
| Fred. Carpente | 21053 | 5861 | " |  | 3 | 1031 | 20 | 1182 | 1464 |  |
| A. B. Cronkhi | $3{ }^{3} 95$ | 3737 | " |  | 4 | 95 | 32 | $1815{ }^{2}$ | 1319 | S 900 ${ }^{\text {92 }} 15$ |
| Hannah L. S. Dar | 31103 | 4000 | " |  | 7 | 108 | 2. | 1623 | 1500 | 7 S0 |
| Edwi ${ }^{-1}$ T. Miller | 1103 | 13293 | ? " |  | 8 | 207 | 84 |  | 2 | 4349 |
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| Jizsie IR. Dunlap | 31063 | 5250 | " |  | 10 | 1003 | 응 | 2504 | 1971 | 1202913 |
| Martha MrLsatc | 31108 | 3125 | " |  | 12 | 108 | 23 | 767 | 2000 | 3 CS 93 |
| John Furlong. | 31107 | 3903 | ' |  | 13 | 107 | 21 | 17374 |  | S 353 |
| Maggir Alexan Sarah . Alexa | $\frac{1}{3} 175$ |  | ) " |  | 20 | 108 | 20 | 147 | 2000 | 7109 |
| Mary E. 1 | 31108 | 2500 | " |  | 21 | 108 | 40 | 12091 | 1500 | 581.9051 |
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| Phele 1', Coul | 108 | 7500 |  |  | 3 | 105 | 50 | 3108 | 1500 | 492 909 |
| Theodosia A. If: | 2,1072 | 4450 | " |  |  | 1073 | 31 | 16002 | 1482 | 7718 |
| Mary F Allen | 3109 | 2000 | "" |  | 0 | 108 | 27 | 939 | 1500 | 451.1931 |
| Alice M. Johns | 109 | 3750 | " |  | 7 | 105 | 10 | 764 | 151 | 367188 |
| Samh E. Iowe.. | $2106\}$ | 36 nj | " |  |  | 1003 | 10 | 703 | 14 is | 3 Sl 15 y |

COUNTY OF YORK.-Continued.


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COUNTY OF YORK.-Continued.

GERAMIMAIR BCIMOOIS_
For Sumaer Terim ended 3ist October, 1850.

*Not in Union. Provincial aid paid through Hon. Receiver Gencrals Denartment direct.
$\dagger$ Provincial aid paid through the Secretary of the Board of Granmar School Trustees.
:Provincial aid paid from the "University Grant."

## SUPPLEMENTARY.

Payments of Provincial Grants (not included in the foregoing statement) made up to April 30th, 1881, in pursuance of the following notice issued by the Depart. ment, June 10th, 1880.
"In reference to the Schools examined by the Inspector during the Summer Term, 18so, the Inspector will note any Teachers who were in charge of these Schools the past Winter Term, but who have removed to other Schools for the current Term. At the close of this Term, all such uses will be reported to the Board of Education, with a view of securing a Rank for the Schools taugh during the ycar 1870-80 by such Teachers. Sec. 5 (3) requires that a School Department shall, oa and after November 1, 1880 , have been in charge of the same Tcacher 'for more than one Term, in order to be eligible for classification."


Northuyb
meten Tcidomald Lime S. IfcIntos Thomas G. Mcha Eizbeth A. Gill tmr Archibald. Renjamin Parker Helen J. MeLeod Higgric s. Barron Siral A. Bamforc

Quess
SA. W. Baker... lemuci W. Fowle ansie A. Colwell. Vettie L. Belyea. LIV. N. Baker... Jodison B. Clark.. Danan London.. Duid P. Harris.. Jimes R Barton.. Rertha LL Briggs. IV. B. DeLong..... Driad Patterson... L.A. Currey, A. $\ddot{\text { Min }}$. Visia E Davis....
7. Finlliam Perry... dehn H. DeLong. LRBaton Starkey..
Q J. Thome...... SJ. Thome.....
hiiling Baluain. Sththen H. Estabic


| NAMES. | Amount. | NAMES. | Asount. |
| :---: | :---: | :---: | :---: |
| Westmorehand Coonty:-Con. |  | York Countr. |  |
| M. Jackson Steeves. | S4 53 | B. Chesley Mekeen. | \$12 30 |
| Eustache Melancon. | 1218 | John W. Freeman. | 1230 |
| Edith LeBlanc. | 1250 | Mrs. Dayton. | IS 8 |
| Dominick Legere. | 1023 | J. Byron Grant. . | 2000 |
| Amic A Bourgeois. | 95\% 98 | Annie J. Sansom. | 19* |
| Arthur W. Teed. | 1923 | Helen McAdam. | 129 |
| George 13. Phalon. | 1983 | Letitia A. Bird. | 900 |
| Gcorge J. Oulton. | 615 | Albert Perkins. | $7{ }^{31}$ |
| A. V. D. Kınapp. | 1142 | Mary Jones....... | 1110 |
| Mary A. Lyons. | 1960 | Tilly A. Goodspeed. | 614 |
| Mittie E. Barnes, c. r. a | 803 | Amies M. Gibson. | 4 s |
| Thomas C. Chapman, | 1932 | Charles A. Murray: | 19 S1 |
| W. Amasa Clark. | 1250 | Abrim Grant. ... | 1250 |
| Aunie E. Henery. | 2060 | Ellen 13. Snunders. | 120 |
| JIrs. Jabez J. Steeves. | $\stackrel{26}{ } 17$ | Inamah A. Barker. . | 29 |
| Allen Wall. | 2000 | G. Ward Merrithew. | 2000 |
| Allen E. Wall, c. | 701 | A. W. B, Garrison. | $19 \times 3$ |
| Jemic J. Hoar. | 1981 | Adelaide V. Gartley | 125) |
| Eugene Theriault. | 500 | Abigail Henry:. | 19 |
| Mary Steadman. | 2000 | Helen S. Graham. | 19 |
| William A. Marnes. | 2000 | Louisa J. Howland. | 170 |
| peter II. Leger. | 1239 | Louisa J. Duffy. | 1914 |
| Henry Tower. | 1983 | Rubert H. Davis. | 1949 |
| Charles Avard, c. r. | 923 | Samuel D. Alexander. | 1075 |
| James Doyle.. | 1983 | Louisa F. Morgans. | 14 |
| Susie Goodwin, e r. | 981 | Mary C. Wade.... | $13 \% 0$ |
| Melbourue Tingley. | 1922 | $J_{\text {Sabel }}$ Anderson | $16 \%$ |
| W. W. Wells. | 1658 | Susan Moore. | 93 |
| Johm S. Ratrorth..... . . . . . . . . . . . . | 2000 | Cath. Brown. | 5 |
|  | 869531 | Jemin F. Babbitt. | 20 (1) |
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Eugene Theriault
Mary Steadman.
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W. W. Wells

John S. Rilyorth

## $\$ 69531$

## DISBURSEMENT OF PROVINCIAL GRANTS AND APPORTIONMENT OF COUNTY FUND FOR IHE WINTER TERM ENDED APRIL 30, 1881.

There were 116 teaching days in this Term in St. John, Portland, Fredericton, Woodstock, Andover, St. Stephen, Mill-Town, St. Andrews, North Head, Moncton, Dorchester, Shediac, Shediac No. $10 \frac{1}{2}$ \& No. 11, Elgin No. 2, Salisbury, Sussex Station, Newcastle No. 7, Chatham, Bahhurst and Bathurst Village, Tracadie, Caraquet, Dalhousie, Campbellton, Buctouche, Richibucto, Wellington No. 7, Carleton No. 1, Sweeneyrille No. 12, St. Mary's, Lakeville, Wakefield No. 7, Clifton No. 5, Springfield No. 3, Bright No. 3, Kingsclear No. 2, Jollicure. In distributing the Provincial Grants and apportioning the County Fund to the Districts above named, the time the Schools were open, and the attendance made, were raised to the basis of 117 days-the full Term required of the Schools in the country.

COUNTY OF ALBERT.


COUNTY OF ALBERT．－Continued．

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multicolumn{3}{|l|}{Prov＇l Grant to Teachers．} \& \multicolumn{2}{|l|}{Locality．} \& \multicolumn{6}{|l|}{County Fund to Trustees．} <br>
\hline \& \& \& \& \& \& \& \& \& MOUN＇ \& <br>
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6 \&  \&  \& PARISH． \&  \&  \&  \&  \&  \&  \&  <br>
\hline John Caims． \& 3113 \& 3868 \& Harvey \& 6 \& 113 \& 38 \& 33202 \& 19 \& 16 \& <br>
\hline David Gillest \& 31102 \& 3777 \& \& 7 \& 1104 \& 30 \& 1410 \& 1838 \& ${ }^{6} 34$ \& <br>
\hline Araminta Milto \& 2109 \& 910.4 \& ＂$\quad$＂．．．．．．．． \& 9 \& $109{ }^{-}$ \& 10 \& 1609 \& 1863 \& 7 7 \& 2040 <br>
\hline Alutie Mr．Smith． \& 3108 \& 5204 \& ＂\＆Mopewell \& 11 \& 108 \& 18 \& 1475 \& 1845 \& 712 \& 2357 <br>
\hline Jemnie Moore．．．．．．．．．．． \& 1112 \& 5264 \& ？＂$\ldots . . . . .$. \& 12 \& 112 \& 19 \& 1744 \& 1436 \& 842 \& 22 is <br>
\hline Trustees＇${ }^{\text {chaim }}$ Oct．${ }^{\text {＇So }}$ \& \& \& \& 12 \& 103 \& \& 1437 \& 1430 \& 804 \& 214 <br>
\hline Laura E．F＇orbes．．．．．． \& $3{ }^{3} 52{ }^{5}$ \& 11906 \& \& 13 \& ${ }_{117}^{52}$ \& 19 \& 936 \& ${ }^{8} 909$ \& 459 \& 1345 <br>
\hline John C．Beatty．．．．．．．． \& ${ }_{2}^{2} 1177$ \& 40
80
00 \& Hillsboro＇ \& \& 117 \& 29 \& 1236 \& 1500 \& 597 \& 2097 <br>
\hline Nettic McLatchey．．． \& 3117 \& 0000 \& \& 2 \& 234 \& 95 \& 6171 \& 3000 \& 2050 \& 59 s0 <br>
\hline Chipman Bishop． \& 1117 \& 7500 \& \& 3 \& 23.4 \& 89 \& 61201 \& 3000 \& \& <br>
\hline Isabella S．Gross．． \& ${ }_{3}^{2} 117$ \& 45
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00 \& \& 4 \& 117 \& 58 \& 2784 \& 1500 \& 1344 \& － <br>
\hline Annic E．Dohison \& 3
2 117 \& 4000 \& ＊ \& 5 \& 117 \& 70 \& 4003 \& 1500 \& 1344 \& 矿 <br>
\hline S．C．Wilbur \& 2.93 \& 3179 \& \& 6 \& 93 \& 52 \& \& \& \& <br>
\hline Naomi Robertson，cr．a． \& $3{ }^{3} 45$ \& $3 \mathrm{S4}$ \& \& 6 \& 93 \& 52 \& 3489 \& \& 1685 \& 33 <br>
\hline Beattic C．Steeves． \& 2 \＆10 \& 342 \& ＂........ \& 7 \& \& 13 \& \& Retur \& rns tool \& late． <br>
\hline Mfone Dfilton． \& 3117 \& 8000 \& ＂ \& 5 \& 117 \& 34 \& 2604 \& \& 125 \& 325 <br>
\hline Kate A．Dawson \& 3113 \& 38 ct \& ＂ $10 . . . .$. \& 10 \& 113 \& 40 \& 22118 \& 1448 \& 10 cs \& 2516 <br>
\hline Esta M．Milton． \& 2116 \& 2478 \& \＆Elgin．． \& 11 \& 116 \& 20 \& 1274 \& 1487 \& 615 \& 210 <br>
\hline Flom E．Reid． \& 21082 \& 6174 \&  \& 12 \& 1051 \& 32 \& $2154^{-}$ \& 1390 \& 1040 \& $24: 3$ <br>
\hline Oleca JI．Bartlett．． \& 3117 \& 79 49 \& ＂\＆Elgin．． \& 13 \& 117 \& 19 \& 14482 \& 2000 \& 69 \& 269 <br>
\hline Howard Steeves．．． \& 1117 \& 10930 \& ＂ \& 15 \& 117 \& 21 \& 1907 \& 2000 \& 921 \& 29 <br>
\hline Ada l lussell． \& $\stackrel{3}{2} 111$ \& 4806 \& Hopewell \& 1 \& 111 \& 46 \& 2657 \& 1423 \& 12 3： \& 旲（w） <br>
\hline Allen W．Bray． \& 2115 \& 7548 \& ＂ \& 1 \& 115 \& 54 \& 37 s ？ \& 14 74 \& 1530 \& 3304 <br>
\hline Rufus P．Steeves．．．．．． \& 1117 \& 55000 \& \} " \& 2 \& 234 \& 90 \& \& 3000 \& \& <br>
\hline Martha E．Bray．．．．．．．．． \& 21117

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117 \& 21 \& 1017 \& 30.0 \& 2959 \& 59 is <br>

\hline Leonora L．Rogers．．．．． \&  \& $$
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18 & 47
\end{array}
$$ \& ＂ \& 4 \& 117 \& 21 \& 1017 \& 2000 \& 920 \& 2093 <br>

\hline Ada Fr．Irving．．．．．．．． \& | 3 | 81 |
| :--- | :--- | :--- |
| 2 | 117 | \& $\begin{array}{lll}18 & 47 \\ 78 \\ 97\end{array}$ \& ＂$\quad . . . \ldots \ldots$ \& 4 \& 81 \& 12 \& S92ı \& 13 St \& 433 \& 1517 <br>


\hline Mary E．Carnwath． \& $3{ }_{3}^{2} 117$ \& | 78 |
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| 0 | \& \& 7 \& 234 \& 78 \& 57193 \& 3000 \& 2704 \& <br>

\hline Trustees＇claim Oct．＇so \& \& \& \} $\quad \cdots \cdots \cdots$ \& \& 2072 \& \& 5248 \& 2581 \& 253 \& <br>
\hline Nelson Smith． \& $3107 \frac{1}{2}$ \& 0418 \& ، \& 3 \& 1073 \& 49 \& 2481 \& 1378 \& 1195 \& 23 i6 <br>
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## COUNTY OF CARLETON．

| Teresa B．Per | $3{ }^{3} 49$ | S8 38 | dord |  | 4 | 43 | 10821 | 5623 | 4 | 0 |
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| Gussic F．Cra | 2106 | 2204 |  | 9 | 106 | 49 | $2303^{-}$ | 1369 | 986 | 2345 |
| John Home． | 1117 | 5500 | ＂ |  | 117 | 30 | 2304． | 1500 | 98 | $24 \leqslant$ |
| Nchemiah J．Sippre | 3112 | 2872 | 4 | 5 | 112 | 42 | 3118 | 1435 | 1333 | 270 |
| Isabelar R．Joyner | 2117 | 2500 | ＊ 6 | 6 | 117 | 45 | 1633 | 1500 | 69 | 2113 |
| George Elder． | 3108 | 2709 | ＂ | 7 | 108 | 32 | 1601 ？ | 1384 | 510 | 208 |
| L．J．Shericood． | 2117 | 8000 | ＂ | 10 | 117 | 41 | $3401^{-}$ | 2000 | 1479 | 3479 |
| Eliza A．ckerso | 2117 | 2500 | ＂ | 13 | 117 | 30 | 1592 | 1500 | 6 S0 | 21 \＄ |
| William Taylor． | 1116 | 5459 | Brighton | 2 | 116 | 47 | $25 \% 2$ | 1487 | 1099 | $20^{8}$ |
| Ambrose H．Sherwood， | 1. 95 <br> 3  | 4465 797 |  | 3 | 95 | 84 | 4000．3 | 1217 | 1710 | 295 |
| Eliza injmores，c．r．a |   <br> 3 931 <br> 114  | $\begin{array}{r}79 \\ 10 \\ 40 \\ \hline\end{array}$ |  | 3 | 55 | 50 | 400． |  |  |  |
| Wilmont E．Sipje | 3 114 | 19 20 20 | ＂ | 5 | 117 | 31 | 2537 | 14 15 0 | 1751 | ${ }_{2} 2$ |
| Amule 13．Adams． | 2117 | $2: 500$ | ＂ | 0 | 117 | 32 | 1584 | 1500 | 0 Sl | 915 |
| Marleborough J．Dow．． | 2117 | 4000 | ＂ | 7 | 117 | 47 | 27442 | 1500 | 1173 | $\mathscr{6}$ |
| Annic A．Copswell | 243 | $918$ | Bright |  |  |  |  |  |  | 165 |
| Magrie E．Gilmore | 354 | 923 |  | 8 | 97 | 18 | 971 |  |  | 103 |

Blauche M Louise $M$ ． $\bar{Y}$ Haunah Cor Isac B．Curl Deen 1．Ted S．D．Alexam Lulu Winter 3．A．DeWol Fate Crabb． Jary Corbett lilen Murph James Kcena Belle C．Price． John A．MeG
Lillic B．Miles Lillic B．Miles
Donall MICD Richard Sutt， Jane Dore．．．． Charles T．Ba dunic SS．Kiilp Alder 13．Boye： yaria Sharpe． Elide J．Alca J．II．Harper．． Yary E．Boyer liajman A St Lnura A．Brot Annic Thomp charinda Hugh Annie S．Flemu
Era E．YeDout Sasic V．Hende G．L．L．Jamesc Edmin E．Kinn Chartes Canıpboc Cath E．Garet） hary C．H．Flen John Laverty． Ida B．Jones．．
Hatida E．Cam Alice $\Lambda$ ．Lhwren S Irene liirkpat flom E．Dunn． Cath Giran．．．． mina B．Ebbet hate A．Ilclinay
Counsel T．Hen Counsel T．Hen
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Trustecs＇claim Trustecs＇claim C
J．Filmot Lawre Jasob W．Sherwo Frank B．Carvell

COUNTY OF CARLETON.-Continued.

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multicolumn{3}{|l|}{Prov'l Grant to Teachers.} \& \multicolumn{2}{|l|}{Locality.} \& \multicolumn{6}{|l|}{County Fund to Trustees.} <br>
\hline \& \& \& \& \& \& \& \& \& IOUN \& <br>
\hline NAME.

6 \&  \&  \& PARISH. \&  \&  \&  \&  \&  \&  \&  <br>
\hline Blauche M. McGe \& 3104 \& \$17 78 \& Brighton \& 10 \& 104 \& 30 \& 14412 \& 333 \& \$0 16 \& \$10 49 <br>
\hline Loulise M. Noule. \& 2116 \& 3304 \& \& 11 \& 176 \& 25 \& \& 1983 \& \& 2340 <br>
\hline Haunah Corswell \& 31102 \& 1902 \& " \& 12 \& $116 \frac{1}{3}$ \& 40 \& 23412 \& 1494 \& 1000 \& 2494 <br>
\hline Isanc 13. Curtis. \& 3117 \& 3000 \& " $\quad . . . . .$. \& 13 \& 127 \& 30 \& 2585 \& 1500 \& 1105 \& 2605 <br>
\hline Beca 1. Tedfor \& 2.75 \& 1602 \& " \& Aberdecn \& 17 \& 75 \& 24 \& 816 \& 961 \& 348 \& 1310 <br>
\hline S. D. Alcexander \& 1117 \& 7500 \& Kinent \& Peel. \& 1 \& 225 \& 80 \& 58901 \& 2022 \& 2521 \& 5443 <br>
\hline Lulu Winter. \& ${ }_{3} 1117$ \& 23
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0 \& , \& 2 \& 117 \& \& 31121 \& \& \& <br>

\hline 3. A. Devol \& | 3 |
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| 117 | \& 40 53 \& ، \& 5 \& 117 \& 45 \& $31398{ }^{-1}$ \& 1500 \& 1330 \& 2330 <br>

\hline Mary Corbe \& 3111 \& ${ }_{25} 29$ \& " \& 8 \& 111 \& 41 \& 2159 \& 1897 \& 936 \& <br>
\hline Helen Murphy \& 340 \& ${ }^{6} 84$ \& " \& 10 \& 40 \& 47 \& 1124 ${ }^{\text {d }}$ \& 512 \& 481 \& 9 93 <br>
\hline James Kecnen \& 3109 \& 3727 \& " \& 11 \& 109) \& 39 \& 2881 \& 1863 \& 1231 \& 3004 <br>
\hline Belle C. Price. \& 2112 \& 2332 \& " \& 13 \& 112 \& 38 \& 1726 \& 1435 \& 738 \& 2173 <br>
\hline John A. MrcGui \& 1117 \& 5500 \& " \& 1.4 \& 117 \& 26 \& 1831 \& 1500 \& 783 \& 2283 <br>
\hline Lillic B. Miles. \& 385 \& 1.453 \& P \& 15 \& 35 \& 26 \& 1117 \& 1089 \& 477 \& 1566 <br>
\hline Donall M/cDonuld \& 3113 \& 3863 \& \& 16 \& 113 \& 27 \& 155: \& 1032 \& 666 \& 25 3s <br>
\hline Richard Sutton \& 3104 \& 35.56 \& \& 17 \& 10.4 \& 42 \& 2653 \& 177 \& 1134 \& 2911 <br>
\hline Janc Dore. \& 9512 \& 1633 \& Northampton \& 1 \& 951 \& 15 \& 3942 \& 1294 \& 383 \& 1607 <br>
\hline Charles T. Bailley \& 62 \& 2119 \& \& 2 \& \& 29 \& \& Retu \& ars too \& late. <br>
\hline Annic M. liilpatrick \& 3 ITS 2 \& 1854 \& " \& 3 \& 1034 \& 31 \& 1339 \& 13.92 \& 572 \& 1964 <br>
\hline Adder B. Boyer. \& 1117 \& 5500 \& " \& 4 \& 117 \& 50 \& 40491 \& 1500 \& 1731 \& 3231 <br>
\hline لaria Sharye. \& 2117 \& 250 \& " \& 5 \& 117 \& 55 \& 2928 \& 1500 \& 1251 \& 2751 <br>
\hline Elide J. Alcxa \& 3117 \& 2666 \& " \& 7 \& 117 \& 21 \& 23172 \& 2000 \& 091 \& 2001 <br>
\hline J. II. Harper. \& 2112 \& 5742 \& Peel \& 1 \& 112 \& 42 \& 2603 \& 1435 \& 1213 \& 2548 <br>
\hline Mary E. Boyer \& 2117 \& 3000 \& \& 2 \& 117 \& 40 \& 1012 \& 1500 \& 87 \& 2317 <br>
\hline Wayman A Smy \& $1{ }_{1} 1151{ }^{2}$ \& 7402 \& " \& 3 \& 1152 \& 41 \& 2930 \& 1131 \& 1278 \& 2759 <br>
\hline Luura A. Brown \& 8117 \& 2000 \& " \& 4 \& 117 \& 33 \& 2.4322 \& 2000 \& 1030 \& 3030 <br>
\hline Annic Thompson \& 2117 \& 5000 \& \& 0 \& 117 \& 39 \& 2380 \& 2000 \& 1017 \& 3017 <br>
\hline clarinda Hughes \& 234 \& 1089 \& \} Richmond and \& \& \& \& \& \& \& <br>
\hline Annie S. Flemming. \& $2{ }^{2} 423$ \& 1461 \& Wondstock.. \& 1 \& 761 \& 45 \& 1626 \& 981 \& 605 \& 1076 <br>
\hline Era E MeDougall \& 2111 \& 2371 \& Richmond \& 2 \& 111 \& 55 \& 23504 \& 1423 \& 1021 \& 2444 <br>
\hline Susic V. Henderson \& 2117 \& 6500 \& \& 3 \& 117 \& 44 \& 26301 \& 1500 \& 1124 \& 2324 <br>
\hline C. L. L. Jameson \& 2113 \& 3862 \& " \& 4 \& 113 \& $\stackrel{21}{27}$ \& 1493 \& 1448 \& 640 \& 2088 <br>
\hline Jane Price. \& 2114 \& 2435 \& "\&Woodstock \& 5 \& 114 \& 27 \& 1507 \& 1461 \& 644 \& 2105 <br>
\hline Edrin E. Kimmey \& 2116 \& 3965 \& " \& Wakeficld \& 6 \& 116 \& 38 \& 20501 \& 1487 \& 876 \& 2363 <br>
\hline Charies Canpbecll \& 2117 \& 8000 \& \& 7 \& 117 \& 44 \& 24275 \& 1500 \& 1037 \& 2537 <br>
\hline Cath E Garety. \& 211.4 \& 0365 \& " \& 8 \& 114 \& 29 \& 1665 \& 1461 \& 712 \& 2173 <br>
\hline 3ary C. H. Flemming. \& 299 \& 5343 \& " \& 9 \& 99 \& 31 \& 19202 \& 1269 \& 821 \& 2030 <br>
\hline John Laverty. \& 88 \& 3008 \& " \& 10 \& 8 \& 36 \& 18361 \& 1128 \& 828 \& 1056 <br>
\hline Ha B. Jones \& 3115 \& 3194 \& ${ }^{6}$ \& 12 \& 115 \& 19 \& S08 \& 1474 \& 345 \& 1819 <br>
\hline Hatilda E. Cample \& 3114 \& 1940 \& " \& Wakefleld \& 13 \& 114 \& 7 \& 537 \& 1461 \& 220 \& 1090 <br>
\hline Alice A. Lawrence \& 2115 \& 6318 \& " \& 13 \& 115 \& 35 \& 1848 \& 1474 \& 790 \& 2264 <br>
\hline S Itene liirkpatric \& 2117 \& 4750 \& " \& 14 \& 117 \& 22 \& 1386 \& 1500 \& 592 \& 2002 <br>
\hline Flora E. Dunn. \& 3115 \& 1960 \& " \& 16 \& 115 \& 38 \& 1620 \& 1474 \& 6 92 \& 2168 <br>
\hline Cath Giran. \& 2110 \& 4956 \& " \& 17 \& 116 \& 27 \& 2200 \& 1083 \& 940 \& 2923 <br>
\hline Edmund W. Stevens. \& 1117 \& 0500 \& Simonds \& \& 117 \& 46 \& 4076 \& 1500 \& 1742 \& 3242 <br>
\hline Emma B. Ebbett. \& 2117 \& 6374 \& \& 2 \& 117 \& 34 \& 2221 \& 1500 \& 940 \& 2449 <br>
\hline Kite A. Jckay. \& 3113 \& 1932 \& " \& 3 \& 113 \& 42 \& 2599 \& 14 48 \& 1111 \& 2559 <br>
\hline counsel T. Hendry.... \& $1 / 114$ \& 9240 \& \& \& \& \& \& \& \& <br>

\hline Gerrude H. Wiggins.. \& $$
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\hline Joanna 31. Ring \& 2112 \& 2392 \& " ${ }^{\text {c........ }}$ \& 8 \& 112 \& 28 \& 13707 \& 1435 \& 585 \& 2020 <br>
\hline Eugenia E. Cox \& 3117 \& $44 \mathrm{S9}$ \& Wakeficld \& 1 \& 117 \& 24 \& 19351 \& 1500 \& 827 \& 2327 <br>

\hline Hary 3iller............ \& 1117 \& 7500 \& , \& 2 \& 117 \& 44 \& $$
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$$ \& 3000 \& 2357 \& 5357 <br>

\hline J. Wifimot Lawrenc \& 21112 \& 3828 \& \& 3 \& 108 \& $\cdots$ \& \& Retu \& nss too \& ate. <br>
\hline J2ab W. Sherwood \& 2112 \& 382 \& " \& 4 \& ii2 \& 32 \& 2235 \& 1435 \& 955 \& 2390 <br>
\hline Frank B. Carvell. \& 21114 \& 6744 \& " \& 5 \& 1118 \& 35 \& 2522 \& 1429 \& 1078 \& 2507 <br>
\hline Tellington H. Jenkins \& $2 \mid 17$ \& 4000 \& " … \& 6 \& 117 \& 35 \& 2670 \& 1500 \& 1141 \& 2641 <br>
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COUNTY OF CARLETON.-Continuecl.


Prov'l

NAX
R. Limend, Lovisa V. Re didars. Real lialter G. HIN . Alonzo B. Ca Janes Kiner. Sarjory MicC: Emma J. J[c Lum McCam Eliza. M. Petti; yarianne rari Lizzic A. Rout s. V. Irons ion

comelia A. iv Garge E. Arn LS Pickett. F. JI. Lakema J. A. Dunham Emily G. Blat Ellen Rogers.. Georye loogle. Johngillespic Mary Mazowa Ina Helch.... Octover, 188 A. W. Wilkinse Mare E. Hanso Annie Hanson. Addic Uanson. | Auqusta 13. Wa |
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| }{} | Marie G. Jone Geo. IS. Johnst Iary J. Mromeh: Thonns A Hart Ida A. Mitchell.

Jessic G. Pettir: Jas F. Sullipar Lhaic S. I. Perl Mary D. Dibblec Main Milliken,
Latharine $F . B$ Ida M. Markce. dbner Gaskill.. Thompson Lave.
Georga Thomps Georya Thomps
Loris E: Young Ludis shoxwell Titesa C. MaAle Gw. W. Hoben, Thas. O'Malley.
Eliz H. Knieyt Eiza H. Kniyht
Eliza Ingowan. Gith. L. Spear.

COUNTY OF CHARLOTTE．

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| 7 | 2427 |
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| ， | 2116 |
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|  | 211 |
|  | 3017 |


| Prov＇l Grant to Teachers． |  |  | Locality． |  | County Fund to Trustees． |  |  |  |  |  |
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| f．Limond，M．D．． | il13 | $311$ |  |  |  |  |  |  |  |  |
| Louisa V．Jeces，c．r． | 3113 | 9664 |  | 1 | 3301 | 157 | 8801 | －43 51 | 863 36 |  |
| Edmes．Read． | 2116 | 3965 |  | 1 | 3302 | 157 | S80， 2 | － 51 | ¢63 36 |  |
| Milter G．Iolucs | 21102 | 37 <br> 37 <br> 30 <br> 30 |  |  |  |  |  |  |  |  |
| athonzo B．Calder |  | 39 39 150 | Dufferin． | $\begin{aligned} & 3 \\ & 1 \end{aligned}$ | 92 | 61 | 489895 | 15 | $\begin{array}{ll}35 & 03 \\ 17 & 45\end{array}$ | 5075 <br> 2989 <br> 8 |
| James King | 19 | 33 27 3151 | Dufferin． | $\frac{1}{2}$ | 197 | 18 | 2440t | 12 2 243 4 | 1745 | 2989 |
| Fannic J．Thompson． | 1 11：3 | 3455 | Dumba | 27 | 115t | 40 | $3120^{\circ}$ | 1480 | 2231 | 3711 |
| Eimma J．McLatughlian | $3111{ }^{-1}$ | 25.20 | ＂ | 4 | $111{ }^{-}$ | 17 | 1462 | 1897 | 1046 | ${ }_{69} 43$ |
| Luura McCamn ．．．．．． | 2112 | 46.20 | ＂ | 5 | 112 | 16 | 834 | 1436 | 633 | 2069 |
| Eliza．M．Pettixs | 1103 | 4842 | ＂ | 6 | 103 | 45 | 2905 | 1320 | 2120 | 3440 |
| yarinme Carcelon | 2117 | 4750 |  | 7 | 117 | 36 | 25415 | 1500 | 1817 | 3317 |
| Lizzic A．Roulsti | 2115 | 5731 |  | 71 | 115 | 45 | 2598 | 106 | 2072 | 4037 |
| SW．Irons ．．．． | 1107 | 5073 | \} Grand Ma | 1 | 214 | 150 | 85924 | 2767 | 6359 | 9120 |
| Comelia A．Watt | $\stackrel{9}{9} 1107$ | $\begin{array}{lll}23 & 07 \\ 38 & 60\end{array}$ | ， | ， | 113 | 40 | raized | 14.40 | 6350 |  |
| Gexige E．Armstrong．${ }^{\text {a }}$ | ${ }_{2}^{2} 113$ | 3862 |  | 2 | 113 | 40 | 2490 | 1449 | 1730 | 3179 |
| E． 3 ．Lakeman， | $3{ }^{2} 56$ | $\begin{array}{r}4 \\ 4 \\ \hline 10\end{array}$ |  | 3 | 99 | 79 | 4488 | 1269 | 32 | 4 |
| J．A．Dunham | 1115 | 5405 |  |  |  |  |  |  |  |  |
| Pmily G．Blatel | 2117 | ${ }^{25} 00$ |  | 4 | 23 | 105 |  | 20 | 5122 | 80 |
| Ellen Rogers． | 1117 | 3500 | ＂．．． | 5 | 117 | 48 | 26391 | 1500 | 1887 | 33 |
| Georre liogle | 388 | 2256 | ＂ | 6 | 38 | 60 | 2453 | 1128 | 1755 | 28 |
| John Gillespia | 3117 | 4000 | I．cpreaux | 1 | 117 | 43 | 2857 | 2000 | 2043 | 40 |
| Mary Magowa | 2117 | 2500 | cminfi | 3 | 117 | 40 | 2501 | 1500 | 1788 | 32 |
| Ina Helch．．．．．． | 2117 | 3125 |  |  | 117 | 25 | 1695 | 2000 |  |  |
| Bal．due Trustce from October， 1880 |  |  | ＂ | 5 |  |  |  |  | 12 | 41 |
| A W．Wilkinson，A．B． | 1116 | 7570 |  |  |  |  |  |  |  |  |
| Mary E．Hanson | 153. | 45.37 |  |  |  |  |  |  |  |  |
| Amuic Manson． |  | $23{ }^{74}$ |  |  |  |  |  |  |  |  |
| dudic Uanson． <br> dunustia 13．Wa | 1 2 1116 | 75 <br> 75 <br> 65 <br> 50 | St．Andr | 1 | 604t | 238 | 154342 | S9 79 | 13181 | 221 |
| S itmes Alsar． | 2110 | ${ }_{65} 00$ |  |  |  |  |  |  |  |  |
| Mayie G．Jones | 3116 | 3000 |  |  |  |  |  |  |  |  |
| Gee J．Johnst | 2115 | 7S 78 | ＂$\quad$ ．．．． | 6 | 115 | 43 | 2022 | 14 | 1446 | 292 |
| Yarr．J．Mrmel | 2115 | $2450$ | I St．Croix |  | 115 | 20 | 11391 |  |  | 22 |
| Thomas A Ilartt | 2117 | S0 00 | St．Croix． | 3 | 117 | 65 | $4364{ }^{2}$ | 1500 | 3121 | 46 |
| Ida A．Mitchell． | 2117 | 2500 |  | 4 | 117 | 34 | 2465 | 1500 | 1763 | 32 |
| Jasic G．P＇ettigro | ${ }_{2}^{2}-40$ | 12 Sl |  | 5 | 113 | 58 | 2057 | 1440 | 21 | 35 |
| Sas．F．Sull | 2 73 <br> 2  <br> 1142  | （15 10 | t．David | $1$ | 11.42 | 49 | 429 | 1467 | 31 | 46 |
| Mary D．Dibblec ．．．．．．． | $1{ }^{1} 97$ |  |  |  |  |  |  |  |  |  |
| Jati3 Millikel，c．r．${ }^{\text {a }}$ | $3{ }^{3} 503$ |  | （ $\mathbb{E}$ St．James | 12 | 57 | 50 | 3576 1508 | 1244 | 25 57 | 3501 |
| hatharine F．Broten．． | $3{ }^{3}$ 2 114 | $\begin{array}{cc}43 & 13 \\ 46 & 02 \\ 74\end{array}$ | ＂1 $\quad$＂．．．．．．．．． | $\stackrel{2}{3}$ | $\mathrm{SOL}_{12}$ | 20 | 1508 3732 | 13 14 76 60 | 1078 26 26 | 24 5 |
| Abner Gaskill． | 2117 | 7481 | ＊ | 5 | 117 | 50 | 3275 | 1500 | 2344 | 38 |
| Thompson Lave | 2114 | 3897 | ＂ | 51 | 114 | 27 | 2110 | 1401 | 1515 | 297 |
| Gcorsia Thomps | 2113 | 4315 | ＂ | 6 | 113 | 51 | 3701.2 | 1449 | 2047 | 403 |
| mis S．Young | 2.99 | S0 52 | ＂ | 7 | 99 | 28 | 1968 | 1692 | 1407 | 3095 |
| dia Maxwell | 278 | 3540 |  | 8 | 78 | 17 | 10903 | 1000 | 784 | 17 |
| Istest Black．． | ${ }_{3}^{2} 1178$ | 64 642 32 50 |  | 10 | 117 84 | 54 34 | 3708 2042 | 1500 | 2651 | 42 |
| Geo．W．Hoben， $\mathcal{A}^{\text {B }}$ B． | 1116 | 5452 |  |  |  |  |  |  |  | 25 |
| Thos．0＇Malley | 2117 | 4000 |  |  |  |  |  |  |  |  |
| Elim H．Knight | 1117 | 3500 | St．Gcorge | 1 | 146 | 199 | 13060 | 59 | 9345 | 15332 |
| Elim Jingowan | 1117 | 7480 |  |  |  |  |  |  |  |  |
| th．L．Sjuar | 3117 | 2000 | ＂\＆Pemnficla | 2 | 117 | 28 | 162 | 1500 | 1164 | 26 |

COUNTY OF CHARLOTTE.-Continued.


COUNTY OF CHARLOTTE.-C'ontinued.
$\frac{\text { to Trustees }}{\text { AMOUNT. }}$


COUNTY OF GLOUCESTER.-Continued.

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multicolumn{3}{|l|}{Prov'l Grant to Teachers.} \& \multicolumn{2}{|l|}{Locality.} \& \multicolumn{6}{|l|}{County Fund to Trustees.} <br>
\hline \& \& \& \& \& \& \& \& \& HOU \& <br>
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\hline l'italine Legiré .......3 \& 311001 \& ; 17 \& ? Caraquet \& 3. \& $$
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\hline Stivain Cormier...... \& $\cdots 109$ \& -909 \& , \& 5 \& $10{ }^{-}$ \& 72 \& 44542 \& 13.4 \& 6 \& <br>
\hline Eiodie Landry... \& $3{ }^{3} 99$ \& 109 \& " \& 0 \& 99 \& 29 \& 1025 \& 1269 \& 15 \& (i) <br>
\hline Justé Haché. . \& 356 \& 2025 \& " \& 7 \& Sc \& 30 \& 975 \& 1102 \& 1. \& 250 <br>
\hline Theophlile Gorruin..... \& $\begin{array}{ll}3 & 58 \\ 3 & 734\end{array}$ \& 15.500 \& "...... \& 10 \& 1313 \& S9 \& 3201
ruised \& 1699 \& 40 \& $00^{3}$ <br>
\hline Eliza F. Blackinall..... \& \& 126 \& Inkerman......... \& 1 \& 106 \& \& 1463 \& 19 cos \& \& 06; <br>
\hline Tharsille 1, Machey... \& -3i14 \& 19 49 \& \& 2 \& 114 \& 40 \& 1823t \& 1461 \& 27 \& $11 \%$ <br>
\hline Charlotte Godin... \& $3{ }^{43}$ \& 735 \& " .......... \& 10 \& 43 \& 2 S \& $55^{\circ}$ \& 551 \& 13 \& is it <br>
\hline Onesime Llanchard.... \& 3111 \& ${ }^{2} 546$ \& ? New Bamdon.... \& 4 \& 111 \& 59 \& 36St? \& 1423 \& 5 \& 09 <br>

\hline Mary S. Theriault, c.r.a. \& (105 \& (1) | 9 |
| :--- | \& j "1 .... \& 5 \& ${ }_{25}^{11}$ \& 97 \& 10034 \& \& \& 19 S <br>

\hline Isabella MeDonaid. \& \& 2000 \& " \& 5 \& 117 \& 33 \& 3062 \& 1500 \& \& <br>
\hline Margic D'Hern... \& 31112 \& 1914 \& " \& ${ }^{-}$ \& 112 \& 35 \& 114.4 \& 1435 \& 17 \& 314 <br>
\hline Javie F. Wiscman.. \& 3113 \& ${ }^{25} 76$ \& " \& 7 \& 113 \& 16 \& 751. \& 1931 \& 11 \& 319 <br>
\hline Kiatic S. McLean..... \& $\stackrel{9}{217}$ \& 2500 \& " \& S \& 117 \& 36 \& 18sid \& 1500 \& $\cdots$ \& 4316 <br>
\hline J. C. Curruthers........ \& 2116 \& 39 69 \& \} " \& 9 \& 295 \& 59 \& 2691 \& 2920 \& \& il to <br>
\hline Amie II. Endy........
Annic E. Smith..... \& 31129 \& 19
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14 \& j ، $\quad$.... \& 10 \& 1162 \& 45 \& 3373 \& 10.01 \& 50 \& 150 <br>
\hline T. S. E. Basque........ \& 3117 \& 3000 \& Saumarez. \& 2 \& $11{ }^{-}$ \& 50 \& 2963 \& 1500 \& 4t 4t \& 30 ii <br>

\hline James AL. Host, A. B... \& 1116 \& ${ }_{27}^{55} 0$ \& ) " \& 3 \& 204 \& 77 \& $$
3933
$$ \& 2506 \& \& SU <br>

\hline Oliver hobichand... \& $3_{3}{ }_{117}$ \&  \& \& 0 \& 117 \& 56 \& ${ }_{\text {raiscl }}$ \& 2000 \& \& 0 S <br>
\hline Charles F. Brison. \& 3104 \& 35.56 \& " ${ }^{\text {c........... }}$ \& 7 \& 10t \& 31 \& 1733 \& 177 \& 25 \& 43: <br>
\hline Judith Peters......... \& 3115 \& .966 \& Shippegan \& 1 \& 115 \& 53 \& 3401 \& 1474 \& 509 \& ci <br>
\hline Arthemise Saindon.... \& 3117 \& 2000 \& "く \& 2 \& 117 \& 58 \& 5207 \& 1500 \& ${ }^{17} 93$ \& O5 <br>
\hline Charles Robichamd.... \& $3{ }^{3} 93$ \& 235 \& " \& 3 \& 93 \& 32 \& 22231 \& 1192 \& 332 \& 45 <br>
\hline Katic J. Hiseman.... \& 3116 \& 2644 \& " \& 9 \& 116 \& 14 \& 1305 \& 10 \$3i \& 2075 \& i) <br>
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## COUNTY OF KENT.

| Jean B. Gal | 3 3115 | 539 52 | cauiav |  |  |  | 29 | 1035 | S10 65 | \$ 2 \% M |
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| Frank iI Font | 3117 | 3000 |  |  | 5 | $117$ | 19 |  | 1500 | 353135 |
| Mary Clirystal. | 1117 | 3.500 | Carlcta |  | 1 | 117 | 63 | 3ss2l. | 1500 | 3745 |
| John McXinn | 31117 | 3000 |  |  | 3 | 117 | 97 | 1941 | 1500 | 1579 |
| I). 13ourrcois | 2117 | 4000 | Dund? |  | 9 | 117 | 45 | 3054 | 1500 | 2075 |
| Wın. Thurrott | $1 \mid 117$ | 0500 |  |  | 3 | 117 | 41 | 2639 | 1500 | 2574403 |
| Elizabeth Mache | 31123 | 1923 | " |  | 4 | $112 \lambda$ | 59 | 4017 | 1441 | 3575 |
| Andrew J. LeBla | $310{ }^{\circ}$ | 21932 | $" 4$ |  | 6 | $105^{-}$ | 47 | 2008 | 1346 | 193580 |
| Wm. lunrke | 319 |  | $4{ }^{\prime \prime}$ | Moncton | 6. | 9 | 42 | 2221 | 1178 | 21 40 335 |
| Arncs Ifache. | 31127 | 2000 | $"{ }^{\prime \prime}$ |  | 7 | 117 | 49 | 3281 | 1500 | $31 \omega^{5} 46 \mathrm{E}$ |
| Jerome licllcro | 31115 | 9949 | " |  |  | 115 | 38 | 1759 | 1474 | 16 9il 317 |
| Alvina Boudren | 3117 | 2000 | " |  |  | 117 | 32 | 17058 | 1500 | $1645319$ |
| John LedBlanc. | 31105 | 269 | " |  | $11^{-}$ | 105 | 20 | 1767 | 1316 | $170+505$ |
| Cy-ille Cornicr. | 352 | 1333 | $\}$ « |  | 12 | 103 | 37 | 2002 | 1320 | 1031 న2x |
| Justine Gallant. | 351 | S 72 |  |  |  |  | 50 | 2300 | 13 |  |
| Framcois Girounrd | 311103 | IS S0 |  |  |  |  | 50 | 23851 | $1416$ |  |
| Sara jourgevis... | 31109 | $21 \mathrm{S0}$ | d | \& Shedix | 17 | 102 | 50 | 3075 | 1307 |  |
| Margaret If ellucond. | 3117 | 26 GCO | Iarcol:-t |  | 3 | 117 | 12 | 1435 | 2000 | $1373 \text { 3n }$ |

[^3]COUNTY OF KENT.-Continuect.


COUNTY OF KENT．－Continued．

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multicolumn{3}{|l|}{Prov＇l Grant to Teachers．} \& \multicolumn{2}{|l|}{Locality．} \& \multicolumn{6}{|l|}{County Fund to Trustees．} <br>
\hline \multirow[b]{2}{*}{NAME．

6} \& \& \& \multirow[b]{2}{*}{PARISH．} \& \multirow[b]{2}{*}{} \& \multirow[b]{2}{*}{} \& \multirow[b]{2}{*}{} \& \multirow[b]{2}{*}{} \& \multicolumn{3}{|c|}{AnOLETr．} <br>
\hline \&  \&  \& \& \& \& \& \&  \&  \& 苞 <br>
\hline Olive Boudreau ．．．．．． \& 3.98 \& \＄16 75 \& Wèllington ．．．．． \& $\bigcirc$ \& OS \& 52 \& 3607 \& \＄12 \& 534 \& －243 <br>
\hline Marguerite Michaud．．．． \& 1117 \& 35 co \& ） \& \& \& \& \& \& － \& <br>
\hline Marguerite Maillet．．．．． \& 1117 \& （ $\begin{gathered}35 \\ 9\end{gathered} 00$ \& \} " \& \& \& \& \& \& \＄07 S1 \& <br>
\hline Philo．Belliveau，c．r．a \& 31116 \& ${ }^{9} 91$ \&  \& 7 \& \& 125 \& 10140 \& －1500 \& S07 S11 \& <br>
\hline Mary Routame．．．．．．． \& \& \& \& \& \& S6 \& \& \& \& <br>
\hline Valentine P．Landry．．．． \& 3115 \&  \& ＂ \& 11 \& 115 \& 42 \& 20073 \& 14 \& \& <br>
\hline Henri L．Girouard．．．．． \& $3{ }^{2} 9$ \& 744 \& Do．\＆Richibucto．． \& 121 \& 29 \& 33 \& ${ }_{469}$ \& 1472 \& \& <br>
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COUNTY OF KINGS．

| Finnimore M．M |  |  |  |  |  |  |  |  |  |  |
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| Ettic Armstrong． | $\frac{2}{2} 1177^{1715}$ |  |  |  |  | 53 | 6501 |  |  |  |
| Amic F | 211 |  | ＂$¢$ Sallisbury | $3$ |  | 26 | 12 |  |  |  |
| Famie 1P．Moore | 2107 |  | fard \＆Elg |  | 107 | 30 |  |  |  |  |
| Andrew | 2150 |  | Cardwell．． |  | 50 | 37 | 12142 |  |  |  |
| Wm | 2115 |  |  | 9 | 115 | ${ }^{65}$ |  |  |  |  |
| Wri．H．Hancy． | ${ }_{2}^{2} 117$ | ${ }^{40} 000$ | Green | $\begin{aligned} & 1 \\ & 2 \end{aligned}$ | 117 | $\begin{gathered} 33 \\ 35 \end{gathered}$ | ${ }^{23132}$ |  | 07 |  |
| Mary E．Simpso Etta Willians． | ${ }_{2}^{2} 1117$ | 25 25 000 |  | $\frac{2}{3}$ | 117 | $\begin{aligned} & 35 \\ & 34 \end{aligned}$ | ${ }^{29023}$ |  |  |  |
| Sarah A | 243 |  |  |  | 4 | 43 | 1258 ${ }^{2}$ |  |  |  |
| Trustecs＇claim， |  |  |  |  | 103 |  | 43 |  | 2307 |  |
| Christiana S．Tr | 3117 | 20 |  | 5 | 127 | 26 | 1154 |  | 77 |  |
| Phobe E．Mc．\ona | 31105 |  | H2 | 3 | 105 | 19 | 758： |  |  |  |
| Magrie P Sherw | 31113 |  |  | 4 | 13 | 49 | 155 |  |  |  |
| Whis． | 3117 | 4000 |  |  | 117 | 28 | 173 |  | 11 |  |
| Maria S．Coy． | 2117 | ${ }^{2} 500$ | Hamp |  | 117 | 34 | 302 |  | ${ }^{15} 5$ | 5i |
| Emma S．Smith | ${ }_{2} 1117$ | ${ }_{45}^{75}$ |  | 2 | 23： | co | 4895. | 3000 |  | OK |
| Percy C．Wamefor | 2113 |  | ， | 3 | 113 | 4 S | －035 | 1449 |  |  |
| Hattic C．Fowler． | ${ }_{2}^{2} 117{ }^{108}$ |  |  | 5 | 1083 | 25 | 17741 |  |  |  |
| $\begin{aligned} & \text { Ed. Puddingto } \\ & \text { Julia Snith, } \end{aligned}$ | ${ }_{3}^{2} 117$ |  | \＆Uphan | 0 | 117 | 61 | 3970 | 1500 |  | 405 |
| Alice S．M．Charlt | 2117 |  | ＂\＆Rothesay | 7 | 117 | 22 | 968 | 1500 | 620 |  |
| Mary J．Devoe． | 2117 | 4977 |  | $8$ | 117 |  | 1189 |  | 2 |  |
| Chas．W．Belyea | 2117 | ${ }_{7}^{65}$ | Havelo |  | 117 | 32 | 1 | 1500 | 10.34 |  |
| Chariotte E．Gosilin | 2117 | 37 |  | 5 | 117 | 19 | 14434 |  | 940 |  |
| Saml．M．Burnctt． | 3117 |  |  | 4 | 117 | 19 |  | 1500 |  |  |
| Frimi II．Haye | $1{ }^{117}$ |  |  | s | 115 |  |  |  |  |  |
| Fila G．Marlec． | 2117 | ${ }^{6} 518$ |  | S | 23 |  |  |  |  |  |
| II．Allen Scribner | 31152 |  |  |  | 15 | 42 |  | is 93 |  |  |
| Willian A．Hump | 3117 | 30 |  | 10 | 117 | 53 | 3933 |  |  |  |
| Zephic Saunder | ${ }_{2}^{3} 1117$ | 3000 53 | ＂ | $\begin{aligned} & 13 \\ & 14 \end{aligned}$ | ${ }_{127}^{117}$ | $\begin{gathered} 45 \\ 43 \end{gathered}$ | ${ }_{3256}^{3395}$ |  |  |  |
| Sarih M．Dalc | 3117 |  |  |  | 117 | 17 | 112 |  |  |  |
| Aghes Northru |  |  |  |  | 107 | ${ }_{30}$ | 2191 |  |  |  |
| Adelaide Corey A． | ${ }_{2}^{2} 1109$ |  |  | 4 | 109 | 30 | 249＋ |  |  |  |
| Sarah J．pi | ${ }^{2} \mid 1171$ | 73 ©s | King | 1 | 2333］ | 53 | 30743 |  |  |  |

COUNTY OF KINGS.-Contimued.

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multicolumn{3}{|l|}{Prov'l Grant to Teachers.} \& \multicolumn{2}{|l|}{Locality.} \& \multicolumn{6}{|l|}{County Fund to Trustees.} <br>
\hline \& \& \& \& \& \& \& \& \& IOUN \& <br>
\hline NAME.

6 \&  \&  \& PARISH. \&  \& 苞 \&  \&  \&  \&  \&  <br>
\hline Ifedley V. Hayes \& 2117 \& $\leqslant 4000$ \& Kingston \& 3 \& 117 \& 22 \& 1273션 \& 1500 \& \$3 30 \& 2330 <br>

\hline Ammio E. Kierstead. \& 3117 \& 2000 \& \& 4 \& 117 \& 14 \& 708 \& $$
1500
$$ \& 4 \& 1001 <br>

\hline Fred. II. Wetmore. \& $2{ }_{2} 1116$ \& $$
\left.\begin{array}{ll}
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\end{array} \right\rvert\,
$$ \& \& \& \& \& \& 3090 \& \& <br>

\hline Bal. to Trustecs from October, 1850. \& \& \& $\cdots$ \& 5 \& 233 \& 58 \& 3730 \& \& 2432 \& 5020 <br>
\hline Celia E. Grav. \& 2117 \& 6481 \& " \& 6 \& 117 \& 35 \& $\bigcirc 307$ \& 1500 \& 1502 \& 3002 <br>
\hline Amelia T. T \& 3113 \& 4354 \& " \& 7 \& 113 \& 23 \& 978 \& 1449 \& C37 \& 2086 <br>

\hline Sarah P’orr \& 2 98t \& | 23 | 05 |
| :--- | :--- |
| 14 |  | \& " \& 8 \& 981 \& 21 \& 1854 \& 16 St \& 1207 \& 2 S 01 <br>

\hline Samh E. Watter \& $\bigcirc 117$ \& 34.85 \& " \& 10 \& 117 \& 34 \& 20612 \& 1500 \& 1342 \& 9812 <br>
\hline Augusta E. Crav \& 272 \& 15.58 \& " ${ }^{\prime}$......... \& 11 \& 72 \& 33 \& 1347 \& 923 \& 877 \& 1800 <br>
\hline Abram Belyca. \& 2117 \& 596 \& \& Westtich \& 12 \& 117 \& 45 \& 2213 \& 1500 \& 1444 \& 29.44 <br>
\hline Hessic M. Retal \& 3117 \& 4500 \& "........ \& 13 \& 117 \& 20 \& 1701 \& 1500 \& 1140 \& 2640 <br>
\hline Eduin C. Hayes \& 11117 \& 9500 \& ? Nort \& 1 \& 234 \& 83 \& 53731 \& 3000 \& 3500 \& 6500 <br>
\hline J. H. Wright \& 1116 \& 5452 \& \& \& \& \& \& \& \& <br>
\hline Lestie Mr. Wiggins, \& -109 \& 18 633 \& \& 2 \& \& 71 \& 50401 \& \& \& <br>
\hline Jessic M. Fowler. \& 2117 \& 5000 \& " $\ldots \ldots \ldots$. \& 3 \& 117 \& 33 \& 1585 \& 1500 \& 1039 \& 2539 <br>
\hline Eliza E. Jolnnso \& 2117 \& 64006 \& " \& Studho \& 5 \& 117 \& 36 \& 2066 \& 1500 \& 1347 \& 2847 <br>
\hline \ary J. Miller \& 2117 \& 2500 \& " \& 7 \& 217 \& 60 \& 32063 \& 1500 \& 2129 \& 3629 <br>
\hline Barbara E. Kei \& 253 \& 1132 \& Rothesay \& 2 \& 53 \& 27 \& 1168. \& 679 \& 761 \& 1440 <br>
\hline Louisa E. Saun \& 1112 \& 3350 \& \& 3 \& 112 \& 46 \& 19791 \& 1435 \& 1200 \& 2725 <br>
\hline Annic A. Jack \& $\bigcirc 63$ \& 1346 \& " \& 4 \& 63 \& 17 \& 691 \& 807 \& 451 \& 1258 <br>
\hline Eliza Fowler \& 2117 \& 2500 \& c \& 5 \& 117 \& 21 \& 12461 \& 1500 \& 813 \& 2313 <br>
\hline Peter Brczucn \& 2117 \& 8666 \& " \& Simunds \& 15 \& 117 \& 22 \& 2345 \& 2000 \& 1528 \& 3528 <br>
\hline A. Brunswick Fo \& 2115 \& 3931 \& Springfield. \& 1 \& 115 \& 39 \& 2682 \& 1474 \& 1746 \& 3220 <br>
\hline Geo. H. Miner. \& 88 \& 4136 \& \& 2 \& 68 \& 45 \& 1972 \& 11.38 \& 1286 \& 2414 <br>
\hline Jutia C. Frost \& 1717 \& 3500 \& " \& 3 \& 117 \& 41 \& 1771 \& 1500 \& 1154 \& 2654 <br>
\hline John H. DeL-o \& 2116 \& 3965 \& " \& 4 \& 116 \& 27 \& 15203 \& 1487 \& 991 \& 2475 <br>
\hline Bessic Keay. \& $\stackrel{68}{ }$ \& 4178 \& " \& 5 \& 68 \& 17 \& 848 \& 872 \& 553 \& 1425 <br>
\hline Agnes D. Gray. \& 2116 \& $03 \mathrm{S6}$ \& " \& 7 \& 116 \& 31 \& 1896 \& 1487 \& 1301 \& 2788 <br>
\hline Jessic A. Fairweather.. \& 2117 \& 2500 \& " \& 8 \& 117 \& 27 \& 1882 \& 1500 \& 1227 \& 2727 <br>
\hline Hannah B. Wheaten. \& 3114 \& 3898 \& " \& Kingston \& 1 \& 114 \& 32 \& 1308 \& 1461 \& 852 \& 2313 <br>
\hline John D. Wetmore \& 31151 \& 2962 \& " \& Wickham \& 11 \& ? 1151 \& 23 \& 1056 \& 1480 \& 1098 \& 2578 <br>
\hline Debbic A. Reid. \& 2117 \& 6468 \& " \& 12 \& 117 \& 46 \& 29473 \& 1500 \& 1919 \& 3419 <br>

\hline Naggie A. Bates \& 2103 \& | 7178 |
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| 0 | \& " \& 13 \& 103 \& 17 \& 1040 \& 1760 \& 678 \& 2435 <br>

\hline Genrce G. Melvin \& 2117
3
114 \& 40
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23 \& " \& Studholm \& 15 \& 127 \& 20 \& 20791
10492 \& 15
14
14 0 \& 1354 \& 28
95

515 <br>
\hline James Boyle \& 116 \& 52 SO \& Studholmy......... \& 2 \& 116 \& 18 \& 1153 \& 19 S3 \& 770 \& 2753 <br>
\hline Frantic Parlc \& 2115 \& 8588 \& " \& 2 \& 1154 \& 14 \& 1597 \& 1973 \& 1040 \& 3013 <br>
\hline Hiram W. Folki \& $2117^{\circ}$ \& 4000 \& " \& 5 \& 117 \& 32 \& 2384 \& 1500 \& 1552 \& 3052 <br>
\hline Anneltc DI, Par \& 2117 \& 5320 \& " \& 0 \& 117 \& 27 \& 2348 \& 2000 \& 1520 \& 3529 <br>
\hline Edrin V. King. \& 2110 \& 3965 \& " \& S \& 116 \& 43 \& 27923 \& 1487 \& 1818 \& 3305 <br>
\hline Joseph Harringto \& 2115 \& 3931 \& " \& 9 \& 115 \& 14 \& S28 \& 1474 \& 539 \& 2013 <br>
\hline John W. Frickson. \& $\frac{1}{2} 113$ \& 5311 \& " \& 10 \& 113 \& 29 \& 2374 \& 14.48 \& 1547 \& 2995 <br>
\hline J. Everet Gosline \& $2{ }^{2} 113 \frac{1}{2}$ \& 3878 \& " \& 12 \& 1137 \& 37 \& 25661 \& $1 \times 5 \pm$ \& 1671 \& 3125 <br>
\hline Chas A. Murraj: \& 9117 \& 4000 \& " \& 13 \& 117 \& 25 \& 2030 \& 1500 \& 3322 \& ${ }_{24}^{382}$ <br>
\hline B. H. Northrup. \& $1{ }^{3} 1110$ \& 5238 \& \& \& \& 5 \& \& \& \& <br>
\hline Ada Kincaide, c. r. \& 31032 \& 2701 \& \& \& \& \& 360 \& \& 2348 \& 3760 <br>
\hline Lo Adelis hicrstcad \& 2110 \& 5951 \& " \& 16 \& 110 \& 21 \& 14691 \& 1410 \& 957 \& 2367 <br>
\hline Jouia E. Chapman..... \& 74 \& 4530 \& " ${ }^{\text {c....... }}$ \& 20 \& 74 \& 17 \& 910 \& 949 \& 5 \& 1545 <br>
\hline Erra C. Kierstead \& 3)108 \& 3461 \& Studholm,
ston \& Bruns \& \& 103 \& 25 \& 1113 \& 1845 \& \& <br>
\hline Perley T. Kicrste \& \$ 117 \& 3000 \& Studholm. \& 23 \& 117 \& 36 \& 1970 \& 1500 \& 128 \& 27 <br>

\hline George II. Raymi \& | 117 |  |
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| 2 | 117 | \& 5500

2500 \& $\}$ Sussex: \& 1 \& 234 \& S0 \& 57021 \& 3000 \& 3772 \& 6772 <br>
\hline
\end{tabular}

COUNTY OF KINGS．－Continuted．

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multicolumn{3}{|l|}{Prov＇l Grant to Teachers．} \& \multicolumn{2}{|l|}{Locality．} \& \multicolumn{6}{|l|}{County Fund to I＇rustees．} <br>
\hline \multirow[b]{2}{*}{NAME} \& \& \& \& \& \& \& \& \& M0V1 \& <br>
\hline \&  \&  \& PARISH．

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\hline Saml．A．MeLeod． \& \multicolumn{2}{|l|}{\multirow[t]{3}{*}{}} \& \multirow[t]{4}{*}{$$
\{\text { Sussex............ }
$$} \& \multirow{4}{*}{2} \& \multirow{4}{*}{457} \& \multirow{4}{*}{218} \& \multirow[b]{4}{*}{\[

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\begin{aligned}
& 14263 \\
& \text { raised }
\end{aligned}
$$
\]} \& \multirow{4}{*}{S59 09} \& \multirow{4}{*}{S92 ss} \& \multirow[b]{2}{*}{197} <br>

\hline D．S．Flewelling． \& \& \& \& \& \& \& \& \& \& <br>
\hline Jeamuie E．Murray． \& \& \& \& \& \& \& \& \& \& <br>
\hline Jemmic S．Barnett． \& 2115 \& \& \& \& \& \& \& \& \& <br>
\hline Mary 1 Ryam．． \& 3115 \& 1966 \& ＂\＆Waterford \& 4 \& 115 \& 15 \& 907 \& 1474 \& 640 \& 213 <br>
\hline Edward Conley \& 2117 \& S0 00 \& \& 5 \& 117 \& 53 \& 23563 \& 1500 \& 16 St \& 3184 <br>
\hline Samah M．Sharp． \& 21117 \& 2500 \& ＂\＆Watcriord \& 6 \& 117 \& 46 \& 26942 \& 1500 \& 1755 \& 3355 <br>
\hline Jeremiah Donovan \& 3117 \& 3000 \& \& 8 \& 117 \& 37 \& 1979 \& 1500 \& 1289 \& 370 <br>
\hline Magric E．Ellswath．．．． \& 2117 \& 2500 \& ＂\＆Hammond \& 9 \& 117 \& 33 \& 1987 2 \& $1 \overline{6} 00$ \& 1204 \& 2794 <br>
\hline Alfred S．Baxter．．．．．．． \& 2117 \& 4000 \& Sussex，Upham i \& 10 \& 117 \& 47 \& 2747 \& 1500 \& 17 S9 \& 320 <br>
\hline Geo．C．P．Palmer．．．．．． \& 2117 \& 4000 \& \& 11 \& 117 \& 51 \& 34S12 \& 1500 \& 226 \& 37 <br>
\hline Amnic Graham，c．r．a．． \& $\begin{array}{ll}3 & 49 \\ 2 & 114 \\ 112\end{array}$ \& 4
3419 \& ¢ ${ }^{\text {a }}$ \％ \& 11 \& 114 \& 43 \& 27072 \& \& 1763 \& 329 <br>
\hline Mary L．Frost． \& 1.117 \& 3500 \& ، \& 12 \& 117 \& 21 \& S63 ${ }^{2}$ \& 1500 \& 56 \& $20{ }^{2}$ <br>
\hline Geo．N．Pearson． \& 2117 \& 6000 \& ＂ \& 13 \& 117 \& 28 \& 15182 \& 1500 \& 0 S 0 \& 243 <br>
\hline Lizzic M．Micks． \& 2,117 \& 3333 \& ＊ \& 14 \& 117 \& 24 \& 1053 \& 20 co \& 1272 \& 32 <br>
\hline S．Lavinia liyan．．．．．． \& 2113 \& 3219 \& ＂........ \& 15 \& 123 \& 27 \& 2103 \& 1932 \& 1369 \& 3301 <br>
\hline John h．loorers．．．．．．．． \& 11117 \& 55.00 \& \} "\& Studholm \& 25 \& 234 \& 76 \& 5758 \& 3000 \& 3750 \& 67 <br>

\hline Magrie E．Burgess．．．．． \& ${ }^{2} 1117$ \& | 65 |
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| 9500 |
| 500 | \& Upham．．．．．．．．．．． \& ． \& 117 \& 38 \& 1959 \& 1500 \& \& <br>

\hline Alice K．Lawson．
Ifattic Laxson． \& 2117

2115 \& | 2500 |
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| 32 |
| 25 | \& Upham．． \& 2 \& 117 \& 38

28 \& 1059 \& 15
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065 \& ． 11900 \& 37
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cj <br>
\hline Annie M．Smith． \& 2117 \& ${ }_{25} 00$ \& ＂ \& 3 \& 117 \& 65 \& 1374 \& 1500 \& 896 \& 2396 <br>
\hline Amelia A．Naso \& 31142 \& 1058 \& $\square$ \& 4 \& 1142 \& 51 \& 2392 \& 1467 \& 1544 \& 3911 <br>
\hline Peter Girdwood． \& 1117 \& 5500 \& ، \& 0 \& 117 \& 35 \& 2617 \& 1500 \& 17 Ot \& 3こ여 <br>
\hline Charles G．Tabor \& 21142 \& 3014 \& ＂$\ldots . . . . . . .$. \& 7 \& 1142 \& 32 \& 1600 \& 1467 \& 1048 \& 15 <br>
\hline Julia F．Lates． \& 2107 \& 54 S7 \& $\left\{\begin{array}{c}\text { Waterford and } \\ \text { Hammond．．．．}\end{array}\right.$ \& 1 \& 107 \& 38 \& 2231 \& 1820 \& 1453 \& 32 S <br>
\hline Albert Mollins． \& 303 \& 1015 \& waterford．．．．．．．．． \& 2 \& 6 \& 35 \& 1197t \& S 67 \& 7 SO \& 164 <br>
\hline Bessie A．Pearson． \& 2117 \& 3500 \& ＂ \& 5 \& 117 \& 35 \& 1864 \& 1500 \& 85 \& $23 \$$ <br>
\hline Sarah T．Lockhart \& 3117 \& 2000 \& ＂ \& \& 127 \& 23 \& 2161 \& 1500 \& 1407 \& 2907 <br>
\hline Harrict A．Ford． \& 2116 \& 2475 \& \& ， \& 116 \& 28 \& 1630 \& 1487 \& 1061 \& 2313 <br>
\hline Emmia M．Pcarson．．．．． \& 31102 \& 1982 \& ＂ \& 5 \& 1162 \& 47 \& 25123 \& 1494 \& 1630 \& 31 s <br>
\hline Johm W．Caulfield．．．．． \& $1{ }^{17}{ }^{-1}$ \& 5500 \& Westifid \& 3 \& 117 \& 44 \& 3316 \& 1500 \& 2158 \& 365 <br>
\hline David A．Alurphy．．．．． \& 3102 \& 3487 \& ＂ \& 5 \& 102 \& 30 \& 1503 \& 1743 \& 1236 \& 203 <br>
\hline Maghie Menderson．．．．． \& $2{ }^{2} 83$ \& 1773 \& ＂، \& 8 \& 83 \& 23 \& 15751 \& 106 \& 1026 \& 200 <br>
\hline David Hagner．．．．．．．． \& 21116 \& 5287 \& ＂ \& 8 \& 116 \& 19 \& 890 \& 1983 \& 580 \& 236 <br>
\hline Hattic M．Nugent．．．．． \& 3117 \& 2066 \& ＊ \& 9 \& 117 \& 12 \& 12053 \& 2000 \& 84 \& 涊11 <br>
\hline Cassic MfcIntosh \& 3117 \& 2606 \& $\because$ \& 10 \& 115 \& 16 \& 1388 \& 2000 \& 904 \& 2304 <br>
\hline Wm．McRae \& $3{ }^{54}$ \& 1847 \& ＂ \& 11 \& 54 \& 16 \& 690 \& 923 \& 449 \& 13 <br>
\hline Amandas．Scoti \& 3112 \& 4349 \& ، \& 12 \& 112 \& 19 \& 1467 \& 1435 \& 955 \& 38 <br>
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## COUNTY OF MADAWASKA．

| Elizabe | $3 \mid 117$ | － 3350 | Iada |  | 117 | 50 | 3687 | 150 | 5 | 5000 |
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| Nora，Costello． | 3117 | 0000 | ＂ | 2 | 117 | 37 | 2734 | 2000 | 5562 | 756 |
| Abram Perron | 3100 | 2564 | St．Aln | 3 | 100 | 33 | 1659 | 1282 | 3375 | 4651 |
| Sophia Martin | 3117 | 2000 | ＂ | 4 | 117 | 34 | 1872 | 1500 | 3809 | 539 |
| Victoria Is Gag | 365 | 1112 | St．Basil | 3 | 65 | 31 | 1297 | 338 | 2639 | 34 |
| Scraphine Albe | 3112 | 1914 |  | 4 | 112 | 26 | 1408 | 1435 | 28 Gt | 429 |
| Hector Nadcall．．．．．． | 364 | 1041 | ZSt．Francis．．．．．． | 2 | 64 | 25 | 6342 | 8 20 | 55 33 | 78.4 |
| ＇rrustees＇claim，Oct．＇80 Denise Nadeau．．．${ }^{\text {a }}$ ， | 31177 | 2000 | ${ }^{\text {j }}$ Sta | 3 | 108 | 31 | 2085 20134 | 15 15 15 00 | 55 40 40 | 55\％ |

COUNTY OF MADAWASKA.-Continued.


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COUNTY OF NORTHUMBERLAND.

| Elanche M. IIcuderson | 388 | S20 04 | Alnwick |  | 2 | 08 | 17 | 1000 | S16 75 | 3642 | S23 17 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Aleanndrima Russell... | 2107 | 2280 | 4 |  | 3 | 107 | 10 | 663 | 7372 | 429 | 1801 |
| isjah P. Savoy.. | 3117 | 4250 | ${ }^{6}$ |  | 4 | 117 | 31 | 1885 | 1500 | 1211 | 2711 |
| Delina Pouliot | 3114 | 3370 | " |  | 5 | 114 | 4 S | 3243 | 1048 | 2033 | 4032 |
| Helen Young | 31123 | 5467 | * |  | 6 | 112ㄱㅅㄱㄴ | 40 | 2015 | 1023 | 1294 | 3217 |
| hate Lorstic. | $1104^{-1}$ | 5.471 | " |  | 8 | 104 | 39 | 1580 | 1333 | 1019 | 2352 |
| Jane J. Carruth | 3117 | 2500 | " |  | 51 | 117 | 19 | 1036 | 2000 | 665 | 2665 |
| Cath Lel3reton | :2110 | 1580 | " $\&$ | Saunarez | 10. | 110 | 42 | 2512 | 1410 | 1014 | 3024 |
| Essie JI. River | 2116 | 2478 | " |  | 13 | 116 | 38 | 23742 | 1487 | 1521 | 3005 |
| Teresa 13. Holt | 2113 | 4848 | Black |  | 1 | 113 | 35 | 2001 | 1448 | 1285 | 2733 |
| Cath. 31. Horan | $2 \mid 117$ | 25001 | " |  | 2 | 117 | 44 | 2597 | 1500 | 1368 | 3168 |
| Lizue S. Mclntos | 2117 | 55 7t | " |  | 5 | 117 | 35 | 1603 | 1500 | 1030 | 2530 |
| W. H. Grindley | 2117 | 6500 | " |  | 0 | 117 | 49 | 2930 | 1500 | 1882 | 33 S2 |
| Johu Flanagan | 2117 | $\begin{array}{lll}65 & 00\end{array}$ | " |  | 7 | 117 | 49 | 2620 | 1500 | 1683 | 3153 |
| John Curran | 2117 | 8000 | " |  | 9 | 117 | 35 | 2049 | 2000 | 1316 | 3316 |
| Sumh A. Bamfo | 3117 | 3250 | " |  | 11 | 117 | 29 | 1061 | 1500 | 688 | 2152 |
| Anna M. Pond. | 3117 | 20 SS | 3lissficlu |  | 1 | 117 | 27 | 2636 | 2000 | 1093 | 3693 |
| Ensibet Archibald. . . . . | 2117 | 6500 | $\}$ |  |  |  |  |  |  |  |  |
| Elsibet Archibald, bal. October, 1850 | 22 | 040 | $\}^{6}$ |  | 2 | 117 | 27 | 1728 | 1500 | 1110 | 2010 |
| Amelia A. Wilso | 3117 | 2000 | " |  | 21 | 117 | 26 | 15951 | 1500 | 1173 | 2673 |
| Mina A. Stout | 2117 | 3125 | c |  | 3 | 117 | 25 | 24037 | 9000 | 1544 | 3544 |
| P. Crocker. | 3116 | 6955 | * | \& Liudlow | 32 | 116 | 47 | 2912 | 14 37 | 1872 | 3358 |
| him Junroc, Jr | 2117 | 7798 | " |  | 4 | 117 | 42 | 23702 | 1500 | 1523 | 3023 |
| Chas G. D. Iloberts | 1116 | 9500 |  |  |  |  |  |  |  |  |  |
| dinnie R. Haviland. | 3115 | 5965 |  |  |  |  |  |  |  |  |  |
| Lopis! J. Dufty. | 21041 | 2959 | Chathan | m . . . . . . | 1 | 5651 | 251 | 20839 | 7312 | 13885 | 20697 |
| Ch. If. Williston. | 1115 | 74 52 <br>   |  |  |  |  |  | raised |  |  |  |
| Cenlia Alcxander | 1116 | 7459 |  |  |  |  |  |  |  |  |  |
| Kinie A. Cotter | 3116 | 1083 | ${ }^{4}$ |  | 2 | 116 | 45 | 25973 | 1 457 | 1810 | 3303 |
| E. Gilbut Huestis. . . . | 1.34 | 1595 | ? |  | 3 | 34 | 71 | 1520 | 439 | 0 S2 | 14.21 |
| deanie E. MreRas, crea Hedley | 3 34 <br> 2 100 | 280 | - |  | 3 | 34 |  | 4232 | 230 |  |  |
| - Heten MeDonald | 2100 | 74 41 81 84 | " |  | $\stackrel{4}{5}$ |  | 41 | 42372 |  |  |  |
| Unria C. Baldwin. | 2\|117 | 35 05 | * |  | 6 | 117 | 48 | 13172 | 15 00 | $\begin{array}{lll}20 & 37\end{array}$ | $35 \quad 37$ |


| Prov'i Grant to Teachers. |  |  | Locality. |  | County Fund to Trustees, |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  | MOUNT. |
| NAME |  |  | PARISH. |  |  |  |  |  |  |
| Margic S. Gor | 2116 | 4956 | Chatham \& Glenelg |  | 16 | 45 | 3220 |  |  |
| Jas. Mclintosh.......... | 1111 |  |  |  |  |  |  |  |  |
| Amic MeIntosh, c. r.a. | ${ }^{3} 1110$ | ${ }^{23} 308$ |  | 8 |  |  |  |  |  |
| Margt. Carter, c. r. n... | 3114 |  |  |  |  |  | raised |  |  |
| Marst. 0 'Kefe. | 3114 | 1965 |  |  |  |  |  |  |  |
| Mam. A. Duke.... | ${ }_{2}{ }^{2} 114$ | ${ }_{49}^{63} 60$ |  |  |  |  |  |  |  |
| Anvic Bordan, c. r. | 3115 | 1615 |  |  |  | 265 |  |  | 20 |
| Mridyet Flamayan. | ${ }_{2}^{1}{ }^{1} 200$ | 2945 |  | 0 |  |  | raised |  |  |
| Jolin Mclines. | 3115 | 5449 |  |  |  |  |  |  |  |
| James N. Wathen. | 117 | Ss 06 | Derby |  | 117 | 37 | :2545 | 1500 | 1635 |
| Cliristiana Camero | 2115 |  |  |  | 1115 |  | $2437 \frac{1}{2}$ |  |  |
| Maturic R Gray. | ${ }^{2} 1117^{602}$ | ${ }^{14} 85$ | " | 3 | ${ }_{117}^{69}$ | 44 | ${ }_{96621}^{1611}$ |  |  |
| Maggic MI. McInto | 2116 | 330.1 | Glenel'g | 1 | 116 | ${ }_{29} 29$ | ${ }_{2499}$ |  | 16005 |
| Helema Rees. | ${ }^{2} 117$ | ${ }^{05} 00$ | " \& Chatham |  | 1117 |  | 33795 | 15 | $217133 i$ |
| ${ }_{\text {Adelaide }}$ Arartha Fitchic....... | ${ }_{3}^{2} 119$ | ${ }^{32} 478$ |  |  | 114 |  | 1385 | 10 | 800 |
| Mrartha Ellic B. Sitocezey ..... | 3 19 <br> 3 67 | 4 15 4 27 | ? " | 6 | 36 | 23 | 1317 | 1469 | 846 |
|  | ${ }_{2}{ }^{1} 1717$ | ${ }^{151} 27$ | . | 7 | 117 | 29 | 11472 | 2000 | 73723 |
| Elizabeth McLachlan.. | 2177 | 3125 | " | 72 |  | 33 | 2550 | 2000 | 1635383 |
| Joannat Atkinson.... |  | 34 15 78 7 |  |  | 1143 69 |  | ${ }_{963}^{1253}$ |  | S ${ }^{5}$ |
| Annic McEachran. | (1) ${ }_{2}^{3} 69$ | ${ }_{20}^{15} 8$ | Hardw | 10 | ${ }_{95} 9$ |  | ${ }_{127} 963$ |  |  |
| İatic A. Bohan. | ${ }^{2} 112{ }^{\text {a }}$ | $24{ }^{\text {n }}$ | "، ....... | 2 | 1122 |  | 1225 | 10 | 757 |
| Annie J. linbertson | 283 | 2217 | " | 4 |  | ${ }_{2}^{25}$ | 15003 | 1419 | $100^{2} 24$ |
| Frunces A. Hamlin. | 2 <br> 3 <br> 3 <br> 117 <br> 17 |  | " |  |  |  | ${ }_{784}^{614}$ | ${ }_{20}^{4} 10$ | 308 |
| I. A. Gunter... | 2100 | 3418 | Ludl | 3 | 100 | 21 | 13322 |  | 856 |
| Michacl Flimme. | ${ }^{2} 1174$ | ${ }_{3}^{38} 97$ | Nelson | 1 | 114 | 88 | 5437 | 1462 | 3482 |
| Anmic Gorman, | ${ }_{3} 31178$ | 3 30 30 04 | dis |  | 117 |  |  |  | 175 |
| Helen x . Donovan. | 31216 | ${ }_{19} \mathrm{~S}_{3}$ | " | 3 | 116 | 24 | 12137 |  | $77^{79}$ |
| Tutia Jordar Liliil | ${ }_{2}^{3112} 112$ | ${ }_{2}^{25} 29$ | " | 4 | 111 |  | 1800 | 1897 | 10 S 88 |
| Elizabeth A. Gillit | ${ }_{3}^{2} 1112$ | 24 198 14 | " |  |  |  | ${ }^{23554}$ 85] |  | 8 59 |
| Elizabeth Atchism. | 3443 | $7{ }^{7} 60$ | " | 8 | $4{ }^{4} 2$ | 37 | 925 | 5 | 5 영 |
| Clomentina Robinsol | $3{ }^{196}$ | 1641 |  | 9 | 96 |  | 1793 | 1230 | 1152988 |
| Magbic Perley. | ${ }_{2}^{2} 117$ |  |  | 1 | 117 |  | 11402 |  | 736 |
|  | ${ }_{2}^{2} 1112$ | -38 28 | " |  |  |  | ${ }_{1}^{2350} 1$ | 14 20 13 00 | 15 1020 |
| Thoms Dumn. | 3108 | ${ }^{27} 69$ | " © Alnwick | 3 | 103 | 25 | 1723 | 13 | 1107 |
| Robert Moir...... | ${ }_{2}^{2} 1172$ |  |  | 5 | 112 |  | 126 |  |  |
| Mary J. Mussell.: | $2{ }^{2} 1133$ | 24 25 |  | 0 | 358 | 202 | 127602 | 45 |  |
| Liuma A. Purves. |  |  |  |  |  |  |  |  |  |
| C. 3. Hutclison. | 1113 |  |  |  |  |  |  |  |  |
| J. M. Coyngrayhame.. | 1111 | $52{ }^{52}$ |  |  |  |  |  |  |  |
| Elizr Hickey..... | ${ }_{2}^{1} 1116$ |  |  |  |  |  |  |  |  |
| Olivia Parker. | 1116 | 7500 |  | 7 |  | 450 |  | 13384 |  |
| Sarah ${ }_{\text {Annic }}$ Norrell | ${ }_{2}^{2} 1116$ |  |  |  |  |  | a |  |  |
| Lizzie E. Moran. | 3116 | 2000 |  |  |  |  |  |  |  |
| Wm. Sivewright. | 31115 | 2074 |  |  |  |  |  |  |  |

[^5]［nio．
ued． $\overline{\text { to Trustees．}}$ ANOUNT． employed． v．employed．

COUNTY OF NORTHUMBEFLAND．－Continued．

| Prov＇l Grant to Teachers． |  |  | Locality． |  | County Fund to Trustees． |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NAME． |  |  | PARISI． |  |  |  |  | AMOUNT． |  |  |
|  |  |  |  |  |  |  |  | $\square$ |  |  |
| John IIamilton．．．．．．． | $2 / 117$ | SS3 33 | Northesk |  | 117 | 23 | 1765 | \＄20 00 | 1134 |  |
| T．R．Welsh．．．．．．．．．． | 2114 | 0179 |  | 2 | 114 | 12 | 677 | 1948 | 435 | 2383 |
| Samh J．Curric．．．．．．． | 2117 | 3166 | ＂ | 3 | 117 | 29 | 1678 | 2000 | 1078 | 30 \％8 |
| juseph S．Bennett．．．．． | 2117 | 7240 | ＂ | 5 | 117 | 21 | 14224 | 1500 | 914 | 2414 |
| laggie diller．．．．．．．．．． | 2117 | 6433 | ＂ | 0 | 117 | 43 | $2978{ }^{4}$ | 1500 | 1913 | 3413 |
| Eis J．S．Austin．．．．．．． | $\stackrel{2}{2}{ }_{9}^{117}$ | 59 29 20 7 | ＂ | 10 | 117 | 50 | 25858 | 1500 | 1663 | 3163 |
| Yary J．Metroberts．．．． |  | 14.52 | ＂ | 112 | 97 68 | $2 \pm$ | 802\％ |  | 5 8 8 57 | 17 17 179 29 |
| Anuic Keys．．．．．．．．．．． | 3114 | 1949 | Southesk | 72 | 114 | 23 | 1927 | 1401 | 1238 | 2 6 .99 |
| Ids H．Adams．．． | 2118 | 2478 |  | 9 | 116 | 40 | 1917 | 1487 | 1231 | 2718 |
| Cornclius Launey．．．．．． | 3116 | 2974 | ＂ | 13 | 116 | 29 | 1260 | 1487 | 809 | $22 \%$ |
| Annie Fisher．．．．．． | 355 | 940 | ＂ | 14 | 55 | 16 | 397 | 705 | 255 | 960 |
| hite E．Falconer．．．．．． | 3117 | 2000 | ＂． | 15 | 117 | 27 | 1320 | 2000 | 852 | ${ }^{2} 52$ |
|  |  |  |  |  |  | 嶩 | － | 年 | \％ | 7 H 矿 \％ |

COUNTY OF QUEENS．

| Mrin | $22^{109} 15372013$ runswick |  |  | $\begin{array}{l\|} 1 \\ 2 \end{array}$ | 309 | $\begin{aligned} & 2.4 \\ & 25 \end{aligned}$ | $\begin{aligned} & 2047 \\ & 2765 \end{aligned}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Amasa Ry | 3114 |  |  |  |  |  |  | 146 | 1433 | 2894 |
| Gexer A．Taylo | 21123 | 3545 |  |  | 1123 | 21 | 1097 | 1441 |  | 2010 |
| II D．Brown． | 2116 | 3905 | Cambridg |  | 116 | 39 | 22.3 | 1487 | 1152 | 2639 |
| Chass Ed．Biack． | $\frac{2}{3} 117$ | 4000 |  |  | 117 | 76 | 4826 | 1500 | 2501 | 01 |
| Laresta E．Camp |  | 4 24 24 2 |  |  | 1138t | 25 | 1188 | 145 |  | 2069 |
| frm Ralma | $2{ }^{2} 111$ | 3304 | ＂ |  | 111 | 32 | 2039 | 14 | 1057 | 2480 |
| Fenrick C．Wri | 2117 | 4000 | ＂ | 6 | 117 | 27 | 1397 | 1500 | 724 | 229 |
| Gro．E．Balmain | 282 | 3737 | ＂ |  | 82 | 25 | 1243 | 1403 | S 59 | 2262 |
| Settie L．Belyea | 2117 | 2500 | ＂ | 8 | 117 | 18 | 11422 | 1500 | 594 | 2094 |
| Equenia A．Craf | 2115 | 2456 | ＂ | 9 | 115 | 19 | 578 | 1474 | 455 | 1929 |
| 1 J ．Flower | 2117 | 4000 |  | 10 | 117 | 50 | 2190 | 1500 | 1135 | ${ }_{26} 35$ |
| Lemuel W．Fowler | 2114 | 3897 |  | 121 | 11． | 39 | 259 | 1461 | 1349 | $2{ }^{2} 10$ |
| Auprsta A．Morrell | 294 | 20 OS | Camin |  | 94 | 31 | 1686 | 1205 | 874 | 2079 |
| Tee pdin in Sunbury |  |  | \＆Sheflield |  | ， |  | ${ }^{28512}$ |  | 5 | 147 |
| Aarrie C．Painmer | 3117 | 2000 |  |  | 127 | 13 | 1051 | 1500 |  | $\underline{20}$ |
| Prankie L．Dyite | 3113 | 2576 | ＂ |  | 113 | 21 | 1420 | 1932 | 73 | 26 （is |
| Darid P．Harris | 1215 | 5405 |  |  | 115 | 43 | 2662 | 1474 | $13 \mathrm{S0}$ | 2 S 5 |
| Angelina Wasso | 3117 | 2000 | ＂ |  | 117 | 41 | 2309 | 1500 | 1196 | 2696 |
| لV．Bow | 2105 | 2307 |  |  | 108 | $70$ | 376 |  | 19 | 3338 |
| Emma E．Yo | 2 S3 | 1773 | $\left\{\begin{array}{l}\text { Chipman and } \\ \text { Northfleld }\end{array}\right.$ |  | 83 | 31 | 1885 | 10 |  | 2041 |
| Jan R Bart | 2117 | 4000 | Chipman． |  | 117 | 38 | 3027 | 1500 | 1500 | 3069 |
| Mnuas Lansi | 1115 | 3440 |  |  | 115 | 37 | 2387 | 1474 | 1237 | 2711 |
| Gro．1F．Pleming | － 117 | 5338 | ＂ |  |  | 30 | 2369 | 2000 | 1228 | 3223 |
| PhnR Dun | 9112 | 3828 |  | 11 | 112 | 44 | 30371 |  | 1574 | 3010 |
| tertie L． | 3117 | 2668 | ＂${ }^{\prime \prime}$ | 12 | 117 | 34 | 28506 | 2000 | 1490 | 3480 |
| Join Clark | 3102 | 3487 | ＂\＆Waterbo | 131 | 102 | 15 | 1028 | 1744 | 3 | 2277 |
| Pannie $F$ | 2117 |  |  |  | 11 | 15 | 1170 |  |  | 0 |
| ames Barnet | 2114 | 3397 | \｛ Garctown and\} |  | 114 | 12 |  | $1401$ |  | 1056 |
| Darid Wilson | 1117 | 5500 |  |  | 234 | 76 | 507 |  |  |  |
| Testic Snith <br> tia W．Dill | 2117 <br> 1117 | 40 <br> 550 <br> 15 | Gag |  |  | 16 |  |  |  |  |
| Onas R．Hoben， | ${ }_{3}^{1117} 1108$ | $\left.\begin{array}{ll} 55 & 00 \\ 13 & 88 \end{array} \right\rvert\,$ | $g$ |  |  | 55 | 3938 | 1500 | 2041 | 3511 |
| Enj．Hayes．．． | 2117 | 40.00 | Do．\＆Cambridge． |  | ｜117 | 19 | 11263 | 1500 | 584 | 2084 |

COUNTY OF QUEENS．－Continued．

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multicolumn{3}{|l|}{Prov＇l Grant to Texchers．} \& \multicolumn{2}{|l|}{Locality．} \& \multicolumn{6}{|l|}{County Fund to Trustees．} <br>
\hline \& \& \& \& \& \& \& \& \& IOUN \& <br>
\hline NAME．

8 \&  \&  \& PARISH．

2 \&  \&  \&  \&  \&  \&  \&  <br>
\hline David Patterson \& 2117 \& S 8000 \& Hampstead \& 12 \& 117 \& 19 \& 1038 \& S1500 \& \& <br>
\hline Augusta Peters． \& 1117 \& 3500 \& \& 2 \& 117 \& 14 \& 1118 \& 1500 \& \& <br>
\hline Kazia F．Davis．． \& 3117 \& 2060 \& ＂\＆Garctown \& 3 \& 117 \& 19 \& 1654 \& $\underline{20} 0$ \& \& <br>
\hline Bal．to I＇rustees，Oct．＇80 E D Vallis． \& 2 ${ }^{\text {¢ }} 17$ \& 400 \& ＊${ }^{\text {a }}$ \& 4 \& 117 \& 45 \& 2538 \& \& \& <br>
\hline T．Wesley Smith \& 21163 \& 3982 \& ＂ \& 5 \& 1103 \& 39 \& 1690 \& 1494 \& \& <br>
\hline Rovertson Gardine \& $2{ }^{2} 117$ \& 4000 \& ＂ \& 8 \& 117 \& 25 \& 1084 \& 1500 \& 562 \& 20 C <br>
\hline Wn．J．Nickerson． \& 3117 \& 3000 \& ＂ \& 9 \& 127 \& 26 \& 12443 \& 1500 \& B 45 \& ${ }^{21} 4$ <br>
\hline T．Wm．Perry． \& 2715 \& 3931 \& Johns \& 3 \& 115 \& 19 \& 938 \& 1474 \& 486 \& <br>
\hline Fred．E．Whelpley \& 2104 \& 3565 \& \& 4 \& 104 \& 23 \& $1362 \frac{1}{2}$ \& 1333 \& 70 \& 304 <br>
\hline Lola J．Jenkins．． \& 2117 \& 2500 \& \& 5 \& 117 \& 17 \& 9283 \& 1500 \& 482 \& 198 <br>
\hline Elizabcth S．Cla \& $1{ }^{1} 1123$ \& 4006 \& ＂ \& 7 \& $112{ }^{2}$ \& 12 \& 1288 \& 1921 \& ${ }^{6} 68$ \& <br>
\hline Jane Mruir． \& $\stackrel{2}{117}$ \& 3333 \& ＂ \& 8 \& 117 \& 22 \& 1782 \& 2000 \& 923 \& <br>

\hline F．C．Tayl \& $2{ }_{2} 117$ \& | 40 |
| :--- |
| 3 |
| 3 | \& \& 10 \& ${ }_{114}^{117}$ \& 29 \& 2231 \& 1500 \& 115 \& ； <br>

\hline Isa B ．Richardson \& 2103 \& 6153 \& ＂\＆Wickh \& 11 \& 108 \& 30 \& 1285 \& 1385 \& \& <br>
\hline Janet J．Strong \& 3117 \& 26.60 \& ＂ \& 13 \& 117 \& 32 \& 2116 \& 2000 \& 1097 \& 30 ot <br>
\hline Helena Rouse． \& 21102 \& 2178 \& ＂ \& 14 \& 102 \& 34 \& 1721： \& 1308 \& 802 \& <br>
\hline Mary J．Lon \& 2117 \& 7744 \& ＂\＆iSpringield \& 15 \& 117 \& 10 \& 883. \& 2000 \& 458 \& 24 <br>
\hline Mary Nisbot． \& 2 \& 2385 \& ） \& 16 \& 71 \& 22 \& 758 \& 910 \& 3 \& 15 cs <br>

\hline Mimmic E．Mott． \& | 2 | 47 |
| :--- | :--- | :--- |
| 2 | 115 | \& $\begin{array}{ll}18 & 07 \\ 49 & 14\end{array}$ \& ${ }^{\prime}$ ، \& 17 \& 115 \& 28 \& 1731 \& 196 \& \& no <br>

\hline W．Siles Craf \& 2117 \& 4000 \& petersv \& 1 \& 117 \& 48 \& 3692 \& 15 co \& 1305 \& $2{ }^{5}$ <br>
\hline Unn MF．M \& 2117 \& 3000 \& ＂．．．．．．． \& 2 \& 117 \& 27 \& 1027 \& 2000 \& 843 \& 243 <br>
\hline Henry F．Perkins \& 2117 \& 6000 \& ＂ \& 3 \& 117 \& 41 \& 2612 \& 1500 \& 1354 \& － <br>
\hline dary A．Horrigan \& 3116 \& 1983 \& ＂ \& 5 \& 1116 \& 51 \& 2125 \& 1487 \& 11 li \& 3 <br>
\hline John McH．Colman．． \& 2117 \& 4000 \& ＂ \& ${ }^{6}$ \& 117 \& 59 \& 3417 \& 1500 \& 1771 \& 3： <br>
\hline Kate A．L．McCluskey． \& 3117 \& 2000 \& ＂ \& 8 \& 117 \& 38 \& 3271 \& 1500 \& 1695 \& 318 <br>
\hline Julia Caimes \& 91163 \& 2489 \& ＂ \& 10 \& 1101 \& 22 \& 1203 \& \& 657 \& 9151 <br>
\hline Ernest Wall． \& 2117 \& 4000 \& ＂ \& 10 \& 117 \& 38 \& 2103 \& 1500 \& 1089 \& 259 <br>
\hline Wm．W．B．Anders \& 90 \& 4230 \& ＂ \& 11 \& 90 \& 38 \& 1807 \& 1153 \& 953 \& $21 \%$ <br>
\hline Geo．G．Willian \& 3114 \& 2923 \& ＂\＆Hampstead \& 12 \& 114 \& 29 \& 1441 \& \& 747 \& <br>
\hline Emma J．Fooler \& $\stackrel{2}{3} 190$ \& $\begin{array}{ll}28 & 11 \\ 30\end{array}$ \& ＂ \& 13 \& 96 \& 18 \& 1246 \& 1641 \& 646 \& 응 <br>
\hline W．F．MeDonal \& 3117 \& 3000 \& mpa \& 14 \& 117 \& 40 \& 2261 \& 1500 \& 1172 \& 361 <br>
\hline A．W．Crable． \& 21142 \& 3914 \& ＂\＆Hampstead \& 15 \& 114. \& 27 \& 14543 \& 1467 \& 755 \& <br>
\hline Rout．Derrah \& 288 \& 4011 \& \& 10 \& 88 \& 14 \& 1366 \& 1504 \& 708 \& 921 <br>
\hline Wm．Tilley． \& 2117 \& 4000 \& ＂ \& 17 \& 117 \& 30 \& 1787 \& 1500 \& 927 \& 245 <br>
\hline Wine Derrah． \& 00 \& 3231 \& ＂ \& 19 \& 96 \& 13 \& 1094 \& 1641 \& 567 \& $\stackrel{3}{0}$ <br>
\hline Saml．II．Moore \& 2112 \& 3528 \& Waterboro \& 1 \& 112 \& 50 \& 2397 \& 1436 \& 12 Il \& 26 <br>
\hline Margie E．Taylo \& 2117 \& 2500 \& ＂ \& 4 \& 117 \& 47 \& 3305 \& 1500 \& 1718 \& 301 <br>
\hline S．A．W．Baker \& 21103 \& 5309 \& ＂ \& 5 \& $116 \frac{1}{2}$ \& 19 \& 1380 \& 1982 \& 715 \& 96 <br>
\hline L．Jennic Oakl \& 31116 \& 1983 \& ＂ \& 0 \& 110 \& 21 \& 1277 \& 1487 \& 06 \& 210 <br>
\hline S．J．Thorne \& 31102 \& 2987 \& ＂ \& 7 \& 1164 \& 31 \& 1820 \& 1494 \& 043 \& 45 <br>
\hline LeBaron Starkey \& 21162 \& 5309 \& ＂ \& \& 1103 \& 29 \& 19422 \& 1992 \& 1007 \& 욜 <br>
\hline Melinda A．Smith \& $2117{ }^{\circ}$ \& 2500 \& ＂ \& 10 \& 117 \& 34 \& 2090 \& 1500 \& 1083 \& 258 <br>
\hline Gco．W．Foster．． \& 3117 \& 3000 \& Wickha \& 1 \& \& 41 \& \& Retur \& ns too \& <br>
\hline Gertrude T．Akerley．．． \& 2113 \& 0317 \& ＂ \& 2 \& 113 \& 18 \& 852 2 \& 1449 \& \& 189 <br>
\hline Alf．McDonald． \& 2117 \& 3000 \& ＂ \& 3 \& 117 \& 18 \& 1131 \& 1500 \& 5 S6 \& 208 <br>
\hline Priscilla S．Belyea \& 2117 \& 0500 \& ＂ \& 4 \& 117 \& 20 \& 1849 \& 1500 \& 955 \& 344 <br>
\hline İzzie A．McCready．．． \& 2115 \& 6328 \& ＂ \& 5 \& 115 \& －8 \& 2472 \& 1474 \& 1281 \& 21 <br>
\hline Mary A．Monteith．．．．．． \& 3117 \& 4500 \& \& 0 \& 117 \& ${ }^{2} 4$ \& 15001 \& 1500 \& 809 \& 30 <br>
\hline Robt．J．Craft．．．．．．．．．． \& 3117 \& 92 57 \& \& 8 \& 117 \& 20 \& 1625 \& 2000 \& 8 \&  <br>
\hline Emeline 1. Akeriey．．．． \& 3117 \& 2000 \& ＂\＆Johnston \& 11 \& 117 \& 19 \& 1210 \& 1500 \& 02 \& 915 <br>
\hline Tea pd．in Kings Co．．． \& \& \& ＂\＆Springheld \& 11 \& \& 4 \& 2521 \& \& 13 \& 1 <br>
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> J. M. Pal
> 3. E. Pe. Pe:
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> Duald Mc
> $\begin{aligned} & \text { Mery Mc. } \\ & \text { Eatic } 1 \mathrm{Mc} . \mathrm{I}\end{aligned}$
> A. Ross, A

> Bel. to Tr $\begin{aligned} & \text { October, } \\ & \text { Retrecea } 3 \text {. }\end{aligned}$ June NWurc) Annie 13. 1 $\begin{aligned} & \text { Anie E. Mi } \\ & \text { He Armstr }\end{aligned}$ Juluet Fergy lignie A. J fritie J. Dos | Pcier 3icAlin |
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## COUNTY OF RESTIGOUCHE.

Fund to Trustees.

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COUNTY OF ST. JOHN.-Continued.

| Prov'l Grant to Teachers. |  |  | Locality. |  | County Fund to Trustees |  |  |  |  |  | Pro |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
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| NAME. |  |  | PARISI. |  |  |  |  |  |  |  | ! |
| Geo. R. Camp. | 1115 | \|\$78 60| | Lancaster. |  | 115 | 25 | 15563 |  | 107 |  |  |
| Bal. to Tristees, Oct. 80 |  |  | Musquash . ......... | 1 |  |  |  |  |  |  | Minime S |
| S. L. T. Wigrins....... | ${ }_{2}^{2} 117$ |  | " |  | ${ }_{117}^{98}$ | 73 23 | ${ }_{1573}^{4072}$ | ${ }_{20}^{12} 500$ | 3680 168 | ${ }^{49 \%}$ | II:Cares |
| Alice M. Harding..... | 2117 | 3333 | " | 10 |  | 31 | 20002 | 1500 | 1813 | 331 |  |
| Wm. E. Sewell . | $2{ }^{113}$ | ${ }^{38} 96$ |  |  |  |  |  |  |  |  | Darid P . |
| Grace Murphy ........ | ${ }_{2}^{1} 1116$ | [ $\begin{aligned} & 55 \\ & 4500 \\ & 4500\end{aligned}$ |  |  |  |  |  |  |  |  | jobin Thic |
| Jessie K. Sutherland.... | 2116 | 4590 |  |  |  |  |  |  |  |  | Rite |
| Angelina Sanburn.... | ${ }^{2} 11153$ | 4472 |  |  |  |  |  |  |  |  | Amie si. |
| Jolmie Lawson.... | ${ }_{1} 1107$ | ${ }_{50} 58$ |  |  |  |  |  |  |  |  | Ninme Numic |
| Amelia J. Laskey. | 299 | 5842 |  |  |  |  |  |  |  |  | Ellan 3 S. |
| Alicia R . Green | 2111 | 62 89 |  |  |  |  |  |  |  |  | Chas C. 1 |
| Mary M. Recs.......... | 1115 |  |  |  |  |  |  |  |  |  | Smes P |
| Elizi Wetherall........ | 387 | 3004 |  |  |  |  |  |  |  |  | 3innic C . |
| Estella Daye ........... | $\stackrel{2}{1}_{1} 116$ | 14 5500 50 |  |  |  |  |  |  |  |  | ${ }^{\text {Hay }} \mathrm{A}$ A ${ }^{\text {T }}$ |
| Wm. J. Roulston....... | $1{ }^{116}$ | 7500 |  |  |  |  |  |  |  |  | Atbisced |
| Agnes E. Livingston... | 21113 | 4500 |  |  |  |  |  |  |  |  | hato Sum |
| John Brooks ......... | $2{ }_{2} 116$ | ${ }_{60} 4500$ |  |  |  |  |  |  |  |  | Themas si |
| Bernard B. Smyth..... | 1116 | 7500 |  |  |  |  |  |  |  |  | tilie Hen |
| Johm Mrecloskey....... | 1116 | 7500 |  |  |  |  |  |  | 은 |  | Pranie L . |
| Sarah Smyth .......... | ${ }^{2} / 1110$ | 45 40 40 000 | Town of Portland |  | 1565 | 2117 | E0. | 59036 | 앙 | 앙 | Slararet |
| Ellen O'Grady.......... | 3116 | 4000 |  |  |  |  |  |  |  |  | CLizic Law |
| Ellen Lawiar.......... | ${ }_{2}{ }_{2} 116$ | 40 <br> 400 <br> 00 |  |  |  |  |  |  |  |  | Harre. W |
| Sarah Burchill ........ | 2118 | 25.00 |  |  |  |  |  |  |  |  | Marge w. |
| Francis Bourgenis..... | ${ }_{2}^{2} 116$ | 25 ${ }_{25} 0$ |  |  |  |  |  |  |  |  | Janet $P$. ${ }^{\text {R }}$ |
| J. G. A. Belyea........ | $\begin{array}{lll}1 & 53 \\ 1 & 51 \\ 51\end{array}$ | [ |  |  |  |  |  |  |  |  | Sanh J. $\mathrm{P}_{2}$ |
| Sarah Taylor........... | 1116 | 5500 |  |  |  |  |  |  |  |  | Bertha A . |
| Bertie MeLeod........ | 1174 | 5405 |  |  |  |  |  |  |  |  | Henietta |
| M. Anma Ward........ | $2{ }^{2} 12$ | 24 24. |  |  |  |  |  |  |  |  | Hars: Cam |
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| Catharine Martin...... | ${ }_{2}^{2} 112$ |  |  |  |  |  |  |  |  |  | Clars B. P |
| Jos. Wetmore......... | 2113 | 3996 |  |  |  |  |  |  |  |  | Henrieth |
| Mary G, Gunn......... | 2116 | 2500 |  |  |  |  |  |  |  |  | Helen Adar |
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| Isabel Humphrey., ... | $2{ }_{2} 116$ | ${ }^{65} 000$ |  |  |  |  |  |  |  |  | LraelT. Ri |
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| Lizzie S. Read......... | 2110 | 65 9500 050 |  |  |  |  |  |  |  |  | John MICKi |
| Wm, C. Simpson ...... | ${ }_{2}^{1} 1118$ | 95 0500 050 | City of St. John. |  |  |  |  |  |  |  |  |
| Harriet C. Howard.... | 2110 | 5000 |  |  |  |  |  |  |  |  | Conrce |
| Mary Shorlland........ | ${ }_{2}^{1} 1116$ | 35 <br> 45 <br> 4500 <br> 0 |  |  |  |  |  |  |  |  | Sray Wh |
| Bridget Cosgrove....... | 3116 | ${ }_{40} 000$ |  |  |  |  |  |  |  |  | lary A. Mr |

COUNTY OF ST. JOHN-Contirued.


# COIJNTY OF ST. JOHN.- -Continued. 



COUNTY OF SUNBURY.


COUNTY OF SUNBURY．－Contimued．

| gtees． | Prov＇l Grant to Teachers． |  |  | Locality． |  | County Fund to Trustees． |  |  |  |  |  |
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|  | Elith J．Bulley： | 2117 | $\pm 2500$ | Burt | 5 | 117 | 30 | 1071 |  |  |  |
|  | Elichbeth MI．Crombic．． | 3113 | 2415 |  | 6 | 113 | 17 | $1316 \frac{1}{2}$ | 1030 | 757 | 2687 |
|  | dearielta Scoth．．．．．．．． | 2104 | $\stackrel{214}{ } 14$ | ＂${ }^{\text {c／．．．．．．．．．}}$ | 7 | 104 | 35 | $2332{ }^{2}$ | 1775 | 1341 | 3118 |
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| 8， | Yary Haycs．．．．．．．．．． | 3 3 1115 | $\underline{26} 91$ | ＂ | 10 | ${ }_{117}^{115}$ | 37 22 | 3523 13581 | 1945 | 2197 | ${ }_{9}^{41} 68$ |
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| $3{ }^{1} 26$ | annie J．Smith．．．．．．．．．． | 333 | 504 | ＂ | 5 | 33 | 13 | 3372 | 4 | 194 | 617 |
| 133 or | ［12rs J．Mecquestion．．． | 2117 | 2500 | ＂ | 6 | 117 | 39 | 27032 | 1500 | 1554 | 30 5t |
| 5653 | Done R．Petersen．． | 3117 | 2606 | ＂ | 7 | 117 | 14 | $1310^{-}$ | 2000 | 758 | 2755 |
| $40 \leqslant 0$ | Fma Le Macerctor | $\bigcirc 100$ | 3415 | Lincoln | 1 | 100 | 36 | $\stackrel{330}{30}$ | 12 S 2 | 1339 | 2621 |
| 57 | ddjic Dewjit．．． | $\bigcirc 116$ | ${ }^{24} 78$ | ＂$\quad . . . . . . . .$. | 3 | 1218 | 50 | 27082 | 14 SG | 1556 | 3042 |
| St 2 | Larion J．Pickard．．．．． | 2116 | 2478 | ＂ | 4 | 116 | 31 | $1551{ }^{\circ}$ | 14 S6 | 1067 | 25.53 |
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| 11 E | Ihin P．Stuart． | 213 | 410 | Northfield．．．．．． | 2 | 13 | 16 | 138 | 160 | 078 | 245 |
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| 3534 | Losisa Bulyea．． | 2107 | ${ }_{2} 2$ | Sheffield． | 1 | 107 | 15 | 0043 | 1372 | 520 | 188 |
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| 103 | A．M．Rarker Mberta It．Chayton．．．． | $\stackrel{1}{3117}$ | 25 20 20 | $j$＂chmugrrille | 2 | 351 | 62 | 4406 | 150 | 25 SA | 70 S |
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COUNTY OF VICTORIA．

| Eanche II．Fitzherbert | 21117 |  |  | 1112 | 40 | 23731 | 5 |  | ${ }_{0}$ |
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| Tman Tominson．．．．．．． | 2109 | 3623 |  | 2100 | 20 | 1290 | 135 | 731 | 2000 |
| R II．Grurer，A | 1117 | 5500 | － | 3 23 | 70 | 3523 | 3000 | 2100 | 5190 |
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| dision C．Manz | $2117^{\circ}$ | 4000 | ＂ | 5117 | 35 | 1480． | 1500 | S 54 | 2354 |
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COUNTY OF VICTORIA.-Continued.


COUNTY OF WESTMORELAND.

| Frederick Good? | 3117 |  | Botsfo |  |  | 117 | 37 |  |  | 10' | (1) |
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| John S. Rawo | 2117 | 4000 |  |  | 3 | 117 | 40 | 18481 | 1500 | 1135 | 303 |
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| William J. God | 2114 | 3397 | " |  | 5 | 114 | 46 | 2320 | 1461 | 1424 | 35 |
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| John G. Lan | 2117 | 4000 |  |  | 12 | 117 | 34 | 1723i | 1500 | 1058 | 3 3 |
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| Jude D. Ucber | 3111 | 3795 |  |  | 20 | 111 |  | 30321 | 1897 | is 62 | 373 |
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| J. F. Black. | 2117 | 4000 | " |  | 5 | 117 | 48 | 25931 | 1500 | 1592 | S0 O |
| Edward P. Doher | 3112 | 2340 | " |  | 6 | 111 | GG | 18291 | 1423 | 115 |  |
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13.] The Educational Circular.

NOUNTY OF WES'CMORELAND.-Continued.

| Trustees. |  |
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COUNTY OF WESTMORELAND.--Continued.


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COUNTY OF YORK．


COUNTY OF YORK.-Continued.

| Provil Grant to Teachers. |  |  | Locality. |  | County Fund to Trustees |  |  |  |  |
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| NAME. |  |  | PARISH. |  |  |  |  |  |  |
| Sarah G. Duffy | 1113 | 7219 |  |  |  |  |  |  |  |
| Elizabeth ORegan | 1111 | 7141 | 新 of |  |  |  |  |  |  |
| Rizzie H. Yandall. | ${ }_{2} 1116$ |  | Fredericton..... |  |  |  |  |  |  |
| Ida SfeAdam. | $2{ }^{2} 110$ | 6235 |  |  |  |  |  |  |  |
| Alice K. Mearher | ${ }_{2}^{1} 1115{ }^{115}$ | 74 62 012 01 |  |  | 115 |  |  |  |  |
| Robt. J. Kincaid | 2117 | 40.00 | " | ${ }_{2}^{1}$ |  | $\begin{aligned} & 47 \\ & 45 \end{aligned}$ | raiscd |  | urns |
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| Jennie H. Estey. | ${ }_{3}^{3} 11{ }_{63}^{1132}$ |  | " | 5 | ${ }_{63}^{123}$ | 19 | ${ }^{1429}$ |  |  |
| Otto Hildelorani | 2117 | 4000 | " |  |  |  |  |  | urns toolite |
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| Mary Hundlan | 3115 | ${ }_{50}^{24} 58$ | " |  | 15 | 19 | 1341 | 19 |  |
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| srichael Connolly | ${ }_{3}^{3} 1117$ | ${ }_{19} 5314$ | " | 3 | 110 | ${ }_{39}^{29}$ | 1836 2055 |  | 13 27873817 |
| Mary Mckenzi | 3117 | 448 | " | 5 | 117 | 45 | 2317 | 15 | 1697 |
| Lizzic M. Hunt | 3104 | 17 | " |  | 104 | 27 | 1793 |  | 1313 |
| Charles Cogan. |  | ${ }^{26} 66$ | " | 8 | ${ }^{78}$ | 29 | 1489 | 1000 | 1091 |
| Alberta M. Hart | ${ }_{3}^{2} 117$ | ${ }_{28}^{22} 88$ |  |  | 117 | 19 |  | 13 | ${ }^{4}$ 32 ${ }^{1804}$ |
| Annic C. Harte Margaret A. Kel | ${ }_{1} 1117$ | ${ }_{46} 60$ | " | 11 | 17 | 17 |  | - | 1346384 |
| Mary A. Miller. | 342 | 718 | New Maryland. | 1 | 42 | 30 | 856 | 533 | 627 |
| Bal. to Trustees from |  |  | ، |  |  |  |  |  | 619 |
| John Furlong | 3 B 12 | 5128 | North Lake.. | 134 |  | 27 | 1675 |  | $2{ }^{2}$ |
| aachel Watson. |  |  |  | 14 | 62 | 33 | 1453 | 7 | 10 ct |
| Oin A. Atherton | 2115 | 6119 | " | 15 | 115 | 31 | 11834 |  | 5010.98 |
| Geo. S. Inch.. | - | ${ }_{45}^{18} 45$ | " $\quad$ " | 19 | 17 |  | 2048 |  |  |
| Rosetta Kelly | 76 | ${ }_{17} 32$ | " | 102 |  | 15 | 20 | 12 | ${ }_{6} 6.519$ |
| Hary Helen Lorin | 1108 | 3230 | Prince William. | 2 | 108 | 43 | 2657 | 1385 | 1947 |
| ratilda Graham |  | ${ }^{25} 00$ |  | A |  |  | 1825.5 | 1500 | 1337 |
| H. G. Cawley. Abigail Henr | ${ }_{2}^{3} 1113$ | ${ }_{25}^{25} 97$ | ". $\quad$. | 4. |  | $\begin{aligned} & 48 \\ & 35 \\ & \hline \end{aligned}$ | $\begin{aligned} & 1873 \\ & 22222 \end{aligned}$ | 1540 | 16 |
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| A. Judson Brown. | 31 | ${ }_{23} 33$ | Qucensbury. |  | 91 | 31 | 1519 | 116 | 1113 |
| Emma Burden. | 21142 | 4908 | "̈ | 3 | $114 \frac{1}{2}$ | 32 | 20031 | 1467 | 1533 |
| Helen S. Graham. |  | 3 350 |  |  |  |  | 2105 | ${ }^{12} 505$ | S ${ }^{\text {S }}$ |
| rary A. Jones | ${ }_{2}^{3} 20$ | - 13424 | " | 8 | ${ }_{62}$ | ${ }_{35}^{16}$ | ${ }^{258}$ | ${ }^{2} 56$ | ${ }_{8}^{156} 464$ |
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| Eliza Stewart. | 2116 | 4967 |  | 11 |  | 34 |  | 1487 | 1059 |
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GRAMIMAR SCIMOOIS.
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* Not in Union. Provincial aid paid through Hon. Receiver Generals Department direct. $\dagger$ Provincial aid paid through the Secretery of the Board of Grammar School Trustees.
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Education Offick, August, 1881.

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## SUPPLEMENTARY.

Further payments of Provincial Grants to Teachers (not included in the fore going statement), made up to 30th April, 1881.
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## EXAMINATION QUESTIONS.-AUGUST, 1881.

(l) Gr. Scr.

THE SCHOOL SYSTEM.
Time, 1 hr.
1 District Assessment. Its purposes? How ordered? How levied?
2 The County School Fund. Its purposes? Amount? How ordered? How levied? The remedy in case no warrant issues or is quashed? The principles that regulate its apportionment to Trnstees.
3 Specify the purposes for which Trustees can borrow money, and under what authority.
4 State the duties respectively of parents, trustees, and teachers as regards textbooks
a Specify the circumstances under which Trustees have anthority to substitute Saturdays for teaching days. What are the provisos in the case?

6 What the conditions of eligibility for (a) examination for Teacher's Licences, (b) membership of (1) a Teachers' Institute, (2) the Educational Institute?

7 Specify the conditions under which ungraded Schools can participate in the Superior allowance.
$\$$ Specify the conditions under which a School can be examined for classification, and the requirements to be respectively met to entitle it to the First, Second, or 'Jhird Rank.
(2) Gr. Sch. teaching.

Time, 8 hrs. for papers 2 \& 3 toyether.
1 The root of Pestalozzi's System was development. Describe his mode or your own of developing (a) the thinking powers, (b) the affections.
2 "In any study whatever unless we possess the ideas of the things represented, the signs representing them are of no use."
Rousseau. Discuss this statement.
3 "The spreading recognition of drawing as an element of Education, is one amongst many signs of the more rational views on mental culture now beginning to prevail."
Herbert Spencer. Give Spencer's argument to shew that drawing is a kind of culture which child nature needs, or give your own argument.
4 "Proceed from the known to the unknown." Illastrate the meaning of this maxim, or give Bain's illustrations.
5 Give the general principles that should guide you in teaching (a) Arithmetic, (b) Grammar, (c) Geometry. Give an outline lesson on each subject illustrative of your principles.
6 Give directions to a primary Teacher as to how lessons on "Organs of Sense" should be conducted.
13) Gr. Scri.
school kandgement.
Time, 3 hrs. for papers 2d 3 together.
1 Discuss the principles relating to School classification.
2 What do you understand by governing power in its educational sense? Specify its chief elements and shew how they may be utilized.
3 Name the different kinds of punishment usually resorted to in Schools. Give your views respecting each. Give Bentham's principles of punishment or those of any other recognized authority.

4 Describe the mode you propose to adopt in the management of (a)disorderly pupils, (b) clull pupits, (c) harel cases.
5 State the principles that should be considered in the construction of time-tables Give your weekly allotment of time for each of the following subjects supposed to be taught in grades VII. and VIII: Heading, Writing, Arithmetic, Grammar, Composition, Geography, History, Latin, Useful Knowledge Lessons, Physics, Industrial Drawing, Singing, Mathematics,

I, [1]
canadian history.
I'ime, 1 lr .
1 Jacques Cartier, Sieur de Roberval, Martin Frobisher. What do you know of each in connection with the discovery of Canada?
2 Champlain. His chief adventures and discoveries? His character?
3 Anglo-Anerican War. Its causes! Chief battles and results of each.
4 Rebellion of 1S37. Its causes? Leaders? The results?
5 Responsible Government. A brief account of its introduction into New Brunswick.
6 Explain as if to a class how Laws are made and executed in any Province within the Dominion. Also from what sources the Revenue of our Prosince is derived, and on what objects it is expended.

The tchole operation to be exhilited.
I. [2]

ARITHMETIC.
Time, 1 hr .30 m .
1 Find the difference between the true and Bank discount on $\$ 640$ for 6 months, at 7 per cent.
2 Required the present worth of a Bill of \$IS5 drawn March 1, at 6 months, and discounted June 3rd, at 5 per cent. per annum.
3 A person promised to pay $\$ 8000, \frac{1}{7}$ of it immediately, $\frac{1}{6}$ of the remainder in $S$ months, $\frac{1}{3}$ of what then remained in 20 months, and the balance in 14 months; what is the equated time for paying the whole?
4 Discuss the principles upon which the rules for bank discount and for equation of payments are based.
5 How much stock which is selling at 5 per cent. premium can a person purchase with stock valued at $\$ 4256$ which he owns in another company but selling at 4 per cent. below par, allowing $\frac{5}{\sigma}$ per cent. to a broker on the sale and purchase.
6 Bought goods for $\$ 1240$, paid for commission $1 \$$ per cent., and for insurance 2 per cent., besides other expenses amounting to $\$ 16.50$; the goods were sold at $\$ 1800$; what was the gain or loss per cent?
7 A room is 10 ft . high and 15 ft . square; what is the distance from the lower corner to the opposite upper corner?
8 The length, breadth and depth of a wooden box are 4 ft ., 2 ft .6 in ., and 3 ft respectively. Find the cost of painting the outside at 28 cents per $\mathrm{sq} . \mathrm{yd}$.
9 In $77 \cdot 2$ grammes of gold how many centimetres, gold being 19.3 times as heary as water.
N. B. -S Questions will be considered a full paper.

Value of Part I. 66: of Part II. $34=100$.
I. [3]
geography.
Time, $1 \mathrm{hr}: 36$ m

## Part I.

1 Palestine. Its boundaries? Mountains? Describe its chief river. Name its principle towns and give important facts respecting each.
2 Make a list of the British possessions (a) in Asia, (b) Africa, (c) Europe, and give the natural productions of the Asiatic possessions.

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3 Name the rivors of great commercial importance in the German ompire, and describe the course of three of them.
4 (a) "A maritime position gives a more humid and temperate climate than a continental position." (b) "A general slope towards the equator increases the heat." (c) "The quantity of rain is usually greatest in mountainous regions." Explain clearly the cause of each of these physical facts.
5 "The earth's axis is not perpendicular to the plane of its orbit." Explain this statement, use a diagram in your explanation, and give such other illustrations as would make your statements clearly understood ly a class.
6 Show how to find the duration of twilight at a given place on a given day. Describe your mode of teaching problems on the globe, bearing in mind the fact that pupils have a tendency to memorize the statements of the book without understanding them.

## Part II.

7 Draw from memory on the paper given you an outline map of Africa, inserting and naming the chief mountains and rivers, and bearing in mind recent discoveries.

1. [4] School system. Time, 30 m .

1 From what sources are the salaries of Teachers provided? How is School apparatus provided for? How may the purchases of School-houses or School lands be provided for?
2 What principles regulate (a) the amount of the County Fund, (b) the apportionment to Trustees of (1) Ordinary Districts, (2) Poor Districts?
3 Superior Allowance. Its amount? Its source? The principles of its apportionment?
4 Find the number of legal teaching days in the current.Term for (a) Cities and Towns, (b) Country Districts.
5 Specify (a) the condition of eligibility of a School for examination for ranking, (b) the principles upon which the different ranks are assigned.

6 To whom do you consider a pupil guilty of truant-playing, amenable? Give your reasons.

To be worked veithout figuring.
mental arithinetic.
Time, 8 m.
1 Find the price of 15 yds . of cloth at the rate of $\$ 85$ per 100 yds . Ans.
$2 \$ 675$ can purchase 27 acres of land; how many acres can be purchased for $\$ 275$ ?. $\qquad$
3 What principal will amount to $\$ 6,200$ in 4 years at 6 per cent. per annum. . Ans.
4 What is the equated time for paying a debt of $\$ 9142 . S \overline{5}$, if $z$ is payable at present, and $\frac{1}{4}$ every three months till the whole is discharged?.....Ans.
5 A number of persons collected $\$ 289$ in aid of a relief fund, each person collecting as many dollars as were equal to the number of collectors. How much did each collect?. ............................................ Ans.
6 The prime cost of goods was $\$ 500$; two per cent. was added for commission, and one per cent. for insurance. At what price must the goods be sold to gain 25 per cent.?. $\qquad$
7 Which is greater and what is the difference, the ratio of 7 to 56 , or of $S$ to 72 ? Ans.

1 Specify the general qualities of style. Explain each of the qualities and state with reference to each (a) its special aim, (b) the faculty primarily appealed to, (c) the kind of composition it is pre-eminently suited for.

2 Frame sentences to show the shades of meaning in the following synonymes:To relinquish, to abandon. To detest, to abhor. To quit, to desert. Habit, custom. Genuine, authentic. Graceful, clegant.
3 Name the principal figures of Language and give an example of each.
4 What is a Theme? Give the different kinds of Themes and state the objeci of each.
5 Make your scheme and notes for writing a Theme on some one Historial character.
6 From the scheme and notes of Question 5 compose the Theme.

## I. [7]

englisit grammar and analysis.
Time, 1hr.
1 Give the different rules for the syntax of the infinitive mood with an example of each.
2 Show the different ways in which the words "there," "it" and "but" are em. ployed. Give examples.
3 Distinguish between the Indicative and Subjunctive moods in a conditions clause. Illustrate your answer by examples.
4 What is the grammatical peculiarity in the following words and expressions:"Children," "news." "The more the merrier." "Honey tastes sweet." "He is come." "I go'a-fishing." Explain these peculiarities.
5 What are the different relations that may exist between co-ordinate clause: Illustrate your answer by examples.
6 Give the general analysis of the following:-
"There is no vice so simple but assumes
Some mark of virtue on his outicard parts :
How many cowards, tehose hearts are all as false As stains of sand, zear yet upon their chins The beards of Hercules and frowning Mars.
Who, incard scarch'd, have livers white as milk; And these assume but valour's excrement T'o render them redoubted?"
7 Give the detailed analysis of 6 , in following form :-

| SLBJECT. |  | PREDICATE. |  |  |
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S Parse in tabular form the italicised words in the above passage.

## I. [S]

INDESTRLAL DRAWISG.
Time, 1 hr:
1 What is a simple curve? A compornd curve? A reverse curve? An abstrat curve" Illustrate your answers.
2 When is the form of a leaf or flower said to be conventionalized?
3 Illustrate symmetrical arrangement about the centre of a square, using their: maple, or oak leaf, or a flower.
4 What'is an axis of symmetry?
5 Give simple examples of the following :-
(a) Horizontal repetition. (b) The Greek Fret. (c) Interlacing.
fir The Drawings must be at least four inches, or larger if the paper given ya will allow.
I. [9] agriculiture and chemistry of common things.

Time, 1 lk .
1 Name the compound substances of which the organic parts of plants and animals chicfly consist. Describe tyo of these substances.
2 In what form do plants derive carbon and nitrogen from the soil?
3 Name the properties of oxygen, carbonic acid, nitrogen. Describe a process for preparing one of these gases.
4 What are the chief artificial and natural manures? Describe the effects of two of them.
jGive Lichig's theory of the "rotation of crops," and some of his illustrations in support of it.
6 What is the change which has been accomplished in our "improved breeds" of stock, and wherein does the improvement consist?
useful rnowledge. Time, 1 hr.
1 Name and describe the parts of a complete flower.
2 Describe the process of fertilization.
3 Describe any flower that you have examined.
4 Name two kinds of minerals, and give their general aud special characteristics.
5 Wake notes for a lesson on an Elephant, or a Camel, with a view of leading a class to infer the habits from the structural characteristics.
6 Describe a thermometer, and explain the principle upon which it works.
IIIU Conditions of hesltif. Time, 45 m
1 What Jn you consider the requisites for good health?
2 Show how you would convince a class of the necessity (a) for using soap and water, (b) of ventilation of rooms.
3 Describe and explain the bad efiects of intemperate habits upon the human system.
4 What ivods do you consider most suitable for health? Give reasons for two of the hinds you name.
5 What means would you adopt in the following cases: Bleeding at the nose, a deep cut in the finger, burns?
6 To what causes may the following be ascribed: Round shoulders, unequal shoulders, crooked spines, contracted chests, weakeyes? What means would you adopt to prevent such results.
[1. [12]
exglisil literature.
Time, 1 kr .
Merchant of Vcnice.
1 Sketch the character of Shylock as developed by Shakespeare, quoting where necessary.
2 Give the story of the caskets, and the inscription on each.
3 What position do you consider Antonio to occupy in the play? What description is given of his character to show that he is worthy of the exertions made to save him?
4 Name the speakers of each of the following:-
"There is no vice so simple but assumes
Some mark of virtue on his outward parts."
"Let unue presume
To wear an undeserved dignity."
"A golden mind stoops not to shows of dross."
"All things that are
Are with more spirit chased than enjoyed."
"I pruy you, think you question with the Jew:
You may as well 50 stand upan the beach And bid the main flond bait his usual height; You may as well use question with the wolf Why he hath made the ewe bleat for the lamb; You mayas well forbid the mountain pines To war their high tops and to make no noise, When they are fretten with the gusts of heaven; You maty as well do amything most hard. As seek to soften that-than which whit's harder? His Jewish heart:"
By whom, of whom, and to whom are these words spoken? Explain the words and phrases in itelics. Comment upon the appropriateness of the cos. parisons. Point out any instances oi double negatives. Quote otade instances of double negatives from the same Play. What kind of mas ure? Scan 9th and loth lines.
I. [13]
mertish history.
Time, 1 lt .
1 Enumerate the memorable events in Britain previous to the Norman conque: and give some details respecting one of them.
2 What effect has the weakness of Kings had upon the liberties of the peopl! Illustrate your answer by several examples from British History.
3 Examine the claims of James I. and of George I. to the Crown of England.
4 Name the Kings that ascenided the Throne with imperfect claims. Descriks briefly such events in their reign as arose out of those claims.
5 Name the great Statesmen during the Brunswick Period and describe briais the influence of one of them upon the progress of the country.
I. [14]

BOOK-KEEPING.
Tine, 4 in
1 Give the rules for the stating of Dr. and Cr. in the following cases:-
(a) When money is received of one man for the use of another, or fortis own use.
(b) When money is lent.
(c) When interest is paid for money borrowed.
(d) When goods are bought for cash down.
(e) When goods are sold on credit.

2 Journalize the following:-
Bought of T. Adams goods amounting to $\$ 2,163$. Paid as follows:-Cas S628, Dobson \& Co's note for \$725, due three months hence, less dicount $\$ 7.50$, my own note for $\$ 400$. The balance remains on accont
3 What is the difference between Single and Double Entry? Which modeci Book-kecping is preferable? Why?
4 Explain the following:-Inventory, cheque, consignment, invoice, liabilite assets.
5 Give an example of an Account Current.

## [. [15] <br> algebra.-(males).

Time, 1 hr. Som
Female Candidates zeill not be required to ucork this waper, but credit ueill be given for work dese $1 \frac{x+\sqrt{ }\left(12 a^{2}-x\right)}{x-\sqrt{ }\left(12 a^{2}-x\right)}=\frac{a+1}{a-1}$
2 Find two numbers such that their product is equal to their sum, and their $5=$ added to the sum of their squares equal to 12 .
3 Find the fourth root of the following:-

$$
1+4 x+6 x^{2} \div 4 x^{3} \div x^{4}
$$

4 Show that $a^{-\pi}=\frac{1}{a^{n}}$; also multiply $a^{-\frac{2}{2}} \div a^{-\frac{3}{2}}+1$ by $a^{-\frac{1}{3}}-1$.

5 Rationalize the denominators of the following fractions:-

$$
\frac{3+\sqrt{ } 2}{2-\sqrt{2}} \text { and } \frac{2 \sqrt{ } 3+3 \sqrt{ } 2}{3 \sqrt{3}-2 \sqrt{5}}
$$

6 Investigate the rule for finding the sum of a given number of terms of an Arithmetical Progression, the first term and the common difference being known; also find the sum of 12 terms of the series $20,15,16$.
; Show by taking the first three terms of the Binomial series for $(1+r)^{n}$, that a ffive per cent. compound interest a sum of money will be more than doubled in 15 years.
$s$ Prove that thi reciprocals of cuantities in Harmonical Progression are in Arithmetical Progression.

1. [16]

GEOMETRY.
Time, 1 hr .30 m
1 Prove that the locus of the vertices of triangles on the same base and having the same vertical angle is the arc of a circle.
2 Prove that the angle contained by a tangent and a chord from the point of contact is equal to the angle in the opposite segment.
3 Describe in a given circle a triangle equiangular to a given triangle.
4 If a line be divided into two given parts, prove that the square on the whole line is equal to the sum of the squares on the two parts, together with twice the rectangle contained by the parts.
$j$ Prove that the perimeter of a triangle is less than double the sum of the three middle lines.

Fanale Candidates are not required to work the follozing, but credit will be gicen for roork done.

- Prove that the bisector of the vertical angle of a triangle divides the base into parts proportional to the sides. Show that the converse is also true.
$i$ Prove that similar triangles are to one another in the duplicate ratio of their homologous sides.
$S$ Construct a triangle, having given its base, height, and the ratio of its other sides.

Time, 1 hr. 50 mb .
1 Define uniform, variable, and mean velocity. How is variable velocity measured?

- A body starts with a velocity of 80 iect per second, and the velocity decreases regularly by 10 feet a second. What will be the velocity after 7 seconds, anl what space will have been passed over?
3 State Newton's three laws of motion and mention facts which serve to verify each of them.
4 State the principle of the Parallelogram of Forces and prove it so far as the direction of the resultant is concerned.
5 Name the Mechanical Powers, and express in symbols the conditions of equilibrium of two of them.
$0 . A$ rod 4 feet long has a weight of two pounds at one end, 3 lbs. at 15 inches from the end, 4 lbs. and 27 inches, $\overline{5}$ lbs. at 40 inches, and $S$ lbs. at the other ead: find at what point the rod must be supported to remain horizontal.
iA body is projected downwards with a velocity of 50 fect per second; how far will it fall in $4 \pm$ seconds ?
$S$ Through what clistance must a force of 3 oz act on a mass of 16 oz . to give it a velocity of 6 fect per second?
general history.
Time, 1 lor .30 m
1 History as the record of man in civilization deals with but one grand divison of the human family-the Caucasian. Give the main branches of the family and name the prominent historical representatives of each.
2 Name the three great Kingdoms that successively held sway in the TigmEuphrates basin, and state with respect to one of them (a) its contribution to civilization, (b) the causes of its decline or fall.
3 To what age or period is the siege of Troy said to belong? Give a bricf outlicz of the siege. Advance any reasons which have lately led to the belief that the narrative rests on an actual basis of fact.
4 Enumerate the chief events in one of the three Periods of Grecian History.
5 State what you know of the Grecian Games in the following order:-(a) Their names, (b) the places at which and in whose honour they were respectivetry held, (c] their chief features, ( $l$ ) their influence social and literary.
6 The Punic Wars. Give (a) the opening and closing dates of each, (b) the origin of each, (c) the decisive battles of the first and second, (d) a brief oution of the events of the third.
7 Describe the fall of the Eastern Empire in the following order:-(a) The cana of its decay, (b) the attack upon Constantinople, (c) the defence and fill
S Describe briefly the characten of one of the following:-Frederick the Grath Richilieu, Napoleon Bonaparte.
I. [19]

Practical matilematics.
Time, 1h:
Female Candidates zeill not be requircl to zoork this paper, but credit will be given for work dorn, as under Algebra.
I A quadrilateral is inscribed in a circle, and two adjacent sides make with the tangent at their intersection angles of $75^{\circ}$ and $23^{\circ}$; find the angles of tha quadrilateral.
2 If the parallel sides of a garden be 65 ft .6 in . and 49 ft .3 in . and their pra pendicular distance 56 ft .9 in ., what would the garden cost at $£ 33 \mathrm{j}$ lk. per acre?
3 Find the area of a field from the following dimensions:-

| Left | 372 | 346 |  | 293 |  | $31 S$ |  |  | 246 | 0 | 0 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Base line | $A$ | 266 | 345 | 465 | 560 | $71 S$ | 790 | 977 | 1015 | 132.5 | $B$ |
| Right | 146 |  | 125 |  | 162 |  | 134 | 58 |  | 136 |  |

4 Find the area of the sector whose radius is 65 ft . and vertical angle $30^{\circ}$
5 What is the entire surface of a square pyramid whose slant height is 30 ft . and cach side of the base 4 ft .?
6 Show how to find the height of a vertical object situated on a horizontal plana

## I. [20]

3CHOOL MANAGEMENT.
Tince, 1 lr .50 m
1 Specify some of the arrangements and exercises you would adopt with a vien of maintaining and promoting the health of your pupils.
2 What do you consider to be the essential conditions of wholesome School dicipline?
3 State fully how you propose to deal with each of the following:-Tardines uncxcused absence, unpreparcel lessons, profane language, falselwod, impr. tinence, prompting, laughing, persistent clisobedience.
4 State and discuss three of the important principles involved in the constructiond Time-Tables. Give a weekly allotment of time for each of the folloring subjects in an ungraded School:-Reading, Writing, Arithmetic, Compsition. Grammar, Geography, History, Useful Knowledge Lessons, Indri: trial Drawing, Agriculture. Also, arrange the subjects in the order in which you think it would be best to take them up on any specified day.
I. [21]

1 Specify
2 Memory, fac

3 Specify

4 Describe foll ma
5 Standard the ton to s
II. [1]

1 Give an c
lane
2 D'Aulnal
cau:
3 Benedict
4 New Brai
Its
5 Explain
Jud:
fede
6 Name the
wha
witt:

## II. [2]

1 How man: it ta
2 How man. 315
at th
3 A nugget Sove
4 A box of $t$ cont: wort
5 Hor mucl with at 4 :
6 At what r:
7 What are
pera
$\$$ What is th
and
metr
N. B. -7 C

1 Specify some of the essential conditions of successful teaching.
2 Memory, conception, julyment, recason. What is the function of each of these faculties? Briefly describe the mode you would adopt in the culture of

3 Specify the subjects in the Course of Instruction which you consider best fitted to cultivate the power's of observation. Give a specimen lesson to illus. trate your mode of teaching any one of these subjects.
4 Describe and illustrate the mode you would adopt in teaching any two of the following subjects :-Arithmetic, Geometry, Geography, History, Grammar.

5 Standard III. of the Course of Instruction requires simple formal exercises for the production of pure tone to be begun. Show what is meant by pure tone, and describe a few of the exercises which you would give in seeking to secure it.
II. [1]

CANADIAN MISTORY.
Time, 1 ll .
1 Give an outline of any one of the Periods of Canadian History previous to the
landing of the Loyalists.
2 D'Aulnay and La Tour. Their respective territorial jurisdiction? Feudscauses, chief incidents and results.
3 Benedict Arnold. His carcer? His character?
4 New Brunswick. Its formation into a separate Province? Its first Legislature? Its chief constitutional changes till Confederation?
5 Explain the following terms:-Parliament, Legislature, Senate, Executive, Judiciary, Ashburton Treaty, Family Compact, Clergy Reserves, Confederation.
6 Name the principal events in the Dominion since Confederation, and state in what respects you consider New Brunswick has made substantial progress within this same period.

Exhidit the zoorl. it take to count 1 million of dollars at the rate of 5 in $S$ seconds?
2 How many yards of cloth 3 of a yard wide should be given in exchange for 315 yds. of the same quality but 5 quarters wide, and what is their value at the rate of $\$ 1.50$ per square yard?
3 A nugget of gold weighs 2 cwt. 14 lbs. (long wt.), what is its value if a Britich Sovereign weighs 5 dwt. 9 grains? (Answer to be given in sterling money). 4 A box of tea weighing 205 lbs . cost 40 cents per 1 lb ., what is the value of a box containing 136 lbs . composed of 5 parts of the same tea and 1 part of woithless black dust?
5 How much stock which is selling at 5 per cent. premium can a person purchase with stock valued at $\$ 4256$ which he owns in another company but selling at 4 per cent. below par?
6 At what rate will $\$ 650$ amount to $\$ 916.50$ in $7 \frac{1}{2}$ years, simple interest?
7 What are the amount and compound interest of $\$ 500$ for 32 years at 5 per cent. per annum?
$S$ What is the cost of painting a rectangular surface 5 metres 3 decimeters long, and 3 metres 2 decimeters in width, at the rate of 95 cents per square metre?
N. B,-7 Qucstions will be considered a full paper.

1 Name the watersheds of the Spanish Peninsula and the river basins separated by them.
2 Rhine aud Danube. The general direction, and countries through which eat flows? Chief tributaries of each? The principal towns on each river?
3 British Isles. Enyland. Its mountain system? Seats of its great coalfelds and of its cotton manufacture? Six noted battle fields? Scotlane. Nams the chief rivers on its eastern and western coasts with one town on ead river and state any important facts connected with it. Irelane. Situation of Cork, Limerick, Londonderry, Belfast, Killarney, Armagh, and important facts connected with each.
4 Name the chicf mountain ranges of Asia, and the countries with which they are connected.
j Africa. Describe the Nile and name the countries that border on the Mediterranean.
6 Describe the trade winds.
7 Find by the Globe the length of a degree of longitude at any given latitude and name six other problems which can be solved by means of the terme: trial globe.

## Part II.

S Draw from memory of the paper given yun an outline map of Ontario inserting and naming the chief rivers and towns.
N. B.-Six Questions in Part I. will be considered the full requirement ior that part.
II. [4]

SCHOOL SYSTEM.
Time, 30 m
1 For what purposes and inder what authority can School Districts borrow mones!
2 What is meant by District Assessment? On what principles is it levied?
3 State (a) the condition of eligibility for examination for license, (b) the standard of award.
4 What is the nature of the Teacher's $C$.ntract with Trustees?
5 What is the Teacher's duty with respect to (1) Enrolment of Pupils, (2) Schod
Registers, (3) Reports, (4) Affidavits, (5) Condition of School-room as to
tidiness, (6) Discipline?
6 State the principles upon which Schools ave ranked.
To be arorkel zeithout figuring.
II. [5]

MENTAL ARITHMETIC.
Tine, Sm
1 How much should be paid for 25 tons of hay at the rate of $\$ 156$ for 13 tons?..Ans
2 Sold a book at $\overline{i J}$ cents which cost 50 cents; what was the loss per cent..Am

4 At what rate will $\$ 00$ interest yicld $\$ 50$ in two years ?...................... Ass
5 At what price should I sell goods which cost 5400 and commission 12 per cent. so as to gain 20 per cent. on the total cost?.....................dre.
6 A house brings in $\frac{2}{5}$ of its value every 5 years; how much per cent. docs it bring in each year?........................................................ Ainas

7 A British sovereign is equal to $\$ 4.56{ }_{3}^{2}$, what is the value of 200 sovereigns?. Am

1 Define substitution, transposition, and enlargement, and give an example of each. 2 State several important rules to be observed (a) in arranging the words of a sentence, (b) as regards the language employed.
3 Weave the following propositions into a compound sentence:-
$1 \mathrm{a}^{\prime}$. He has no basin to protect himself, (adv. clause of reason).
A. You can approach to the very edge of the pipe,
$2 a^{\prime}$. The pipe was about five feet in diameter, (ciltr.)

+ B. You can look down at the water.
b. The water is perpetually boiling at the bottom, (attr.)

4 Name and describe the three kinds of Composition to which a paragraph may belong.
5 What is meant by Precis Writing? Describe what you consider to be the best mode of making a precis.
6 Write an expandeld parcaplrase or exposition on "Things are not what they seem."

## II. [7] <br> english grammar. <br> Time, 1 lr.

latitule, e terne:

2 Give the past tense and past participle of hurt, hide, stoop, slide, set, lay, swim, drink.
3 Define voice, and give examples of the objective case following the passive voice.
4 Distinguish between a phrase, a clause, and a sentence, and give an example of each in a sentence.
5 Formabstract nouns from the following adjectives :-Brief, pure, dear, intricate, warm; and give adverbs corresponding with quick, good, little, green.
6 Give the general analysis of the following:-

> "Every hazard faced
> And difficulty mastered, with resolve

Thet no one breathing should be left to perish, This last remainder of the crew are all Placed in a little boat, then o'er the deep Are sijely borne, landed upon the beach, And in fulfilment of God's mercy, Icdged
Within the sheltering lighthouse."
$i$ Give the detailed analysis in the following form :Sce Form I. [7].
S Parse in tabular form the italicisel words in the above passage.
Time, $1 / k$.
[Same as under Class $X$.]
II. [9] agriculture and chemisirix of common times. Time, 1 hr.

1 Name the compound substances of which the organic parts of plants and animals chiefly consist. Describe two of these substances.
2 In what form do plants derive carbon and nitrogen from the soil?
3 Name the properties of oxygen, carbonic acid, nitrogen. Describe a process for preparing one of these gases.
4 What are the chief artificial and natural manures? Describe the effects of two of them.
5 Give Liebig's theory of the "rotation of crops," and some of his illustrations in support of it.
6 What is the change which has been accomplished in our "improved breeds" of stock, and wherein does the improvement consist?

1 What divisions do you make in the Animal Kingdom? Give also your sub. divisions of each.
2 Name the organs of locomotion in the different vertebrate animals.
3. Give (a) the common, (b) the distinguishing characteristics of the horse and the cow.
4 Give the essential qualities of gold, of iron and of lead.
5 Name the parts of the pistil and stamens of a flower and give their uses.
6 How would you illustrate the upward pressure of air?
7 Explain the action of the common pump.
II. [11]
condithons of healim.
Time, 45 m.
[Same as under Class I.]
II. [12]

1

## ENGLISII LITERATURE.

"Though something, I might plain," he said,
"Of cold respect to stranger ruest Sent hither by your King's behest, While in Tantallon's towers I stayed, Part we in friendship from your land, Aud, noble earl, receive my hand."
Put the foregoing passage into the indirect form. Explain the following words: Something, plain, behest, jart. To whom do $I$, stranger aruest, and ve refer? Where is Tantallon? Who is the author of the passage? What do you know of him and his works?
"Nor ever shall the Muse's eje Unraptured sreet thy beam; Theme of primeval prophecs,
Be still the poet's theme."
Paraphrase the passage, that is, express the ideas in your own words. Exphin the following words :- Mfuse's, unvaptured, primeral, prophecy, still. Gire the derivation of primeval and prophecy. Show the relation of the derivation of the latter word to its meaning in the passage. Who is the author of the passage? Name his chief poems.

## II. [13]

BRITISII MISTORY.
Tinte, 1 hr .
1 What are the opening and closing dates, and the leading features of each oi the following Periods of British History :-Norman, Plantagenet, House of Lancaster, House of York?
2 Sketch the reign of Henry VII. from the following heads:-Henry's treatment of the Earl of Warwick. Cause of the termination of the Wars rit the Roses. The Rebellions-their causes and results. Geographical discorcries. The power of the Nobles limited.
3 Name the Sovercigns of the Stuart Period, and briefly describe the reign of one of them.
4 Name five great events in the Brunswick Period and give some details respecting one of them
5. What were the tollowing:-Act of Supremacy ; Act of Uniformity; The Petition of Right; Constitutions of Clarenclon?
II. [14]

KOOK-KEEPIN(.
Tince, 45 m .
1 What books are generally used in Book-Keeping? Give an example of one of them.
2 Lost a five dollar bill. In what book shall I enter the amount, and how?
3 Write a specimen of a Draft.
4 Write a specimen Note of Hand.
5 John Y. Pym paid R. S. Gray \$16.50 on account. Give a receipt in proper form.

I'ime, $1 \mathrm{lk}: 30 \mathrm{~m}$.
II. [15]

1 State and comment upon four of the important principles relating to class management.
2 State the various means you would employ to maintain and promote the health of your pupils.
3 Name some of the expedients you would adopt to secure order in your School, and state the priuciples upon which they rest.
4 Specify some of the faults or offences committed in School, and state how you would deal with each.

- Point out some of the advantages of a proper classification of pupils. State the principles which should guide you in classification.
II. [16]
reacminc.
Time, 1 lr .30 m.
1 Outline a course of lessons in Form, and make notes of a lesson to illustrate your mode of teaching the sulbject.
2 What is meant by developing ideas of number? Describe your method of teaching number, and point out the educational maxims involved in the process.
3 What is meant by urorlbuiliny? At what stage would you begin the process? Describe and illustrate your mode of procedure.
II. [17]
[For Female Candidates for Class I. also.]

Female Candidates for class II. weill not be required to work this paper, but credit will be given for vorle done if nected to secure the minimum average required for License.
1 .

$$
\begin{array}{ll}
(a+b)^{2} & = \\
(a-b)^{2} & = \\
(a \div b)^{2}(a-b) & =
\end{array}
$$

Write the other side of the equation in each of the above, and show by means of an example how each of the three formula 'may be made use of in Arithmetical calculations.
2 Divide $\left(x^{2}-3 x+2\right)(x-3)$ by $x^{2}-5 x+6$.
3 Find the value of $\frac{x}{a}+\frac{x}{b-a}-\frac{a}{a+b}$ when $x=\frac{a^{2}(b-a)}{b(b+a)}$
$4 \frac{x-4}{x-5}-\frac{x-5}{x-6}=\frac{x \cdot 7}{x-5}-x-5 \quad$ Find $x$.
: $4 x+y=11 . \quad \stackrel{y}{\overline{5} \cdot x}=\frac{7 x-y}{3 x}-\frac{23}{15}$. Find $x$ and $y$.
6 After A has received $\$ 10$ from B., he has as much moncy as B. and $S G$ more; and between them they have $\$ 40$ : what money had each at first?
7 The first digit of a certain number exceeds the second by 4 , and when the number is divided by the sum of the digits, the quotient is 7 . What is the number?
$\$$ Find two numbers such that the first with half the second may make 20, and also that the second with a third of the first may make 20 .

Fenale Candidates are not requircal to work this paper, but credit will be given for work lone if necded to secure the minimum aierage required for License.
1 Prove that the opposite sides and angles of a parallelogram are equal, and that the diagonal bisects the parallelogram.
2 When two triangles have two sides of the one respectively equal to two sides of the other, but the angle contained by the two sides of the one greater than the angle contained by the two sides of the other, prove that the base of that which has the greater angle is greater than the base of the other.
3 What is meant by (a) the converse of a proposition, (b) the opposite of a proposition? Write the converse and also the opposite of the theorem in question 2.
4 Show that, the diagonal of a rectangle is larger than any other straight line intercepted by the sides of the rectangle.
5 Two angles of a triangle are respectively $45^{\circ} 15^{\prime}, 20^{\prime \prime}$, and $S 6^{\circ}, 12^{\prime}, 43^{\prime \prime}$, find the three exterior angles. State the "geometrical principles upon which the solution depends.
6 Construct an isosceles triangle, the base and altitude being given.
7 A ladder is gradually raised against a wall; find the path of its middle point.

## III. [I]

Cavadian mistory.
Time, 1 hr.
1 Period of Discovery. Name the chief discoveries, and give a short account oi one of them.
2 Briefly describe one of the battles during the Anglo-American War.
3 State briefly what you know of Fort Nashwaak, or the settlement of the St. Croix.
4 Describe the second seige of Louisburg or the Battle of the Plains of Abraham.
5 What is meant by Responsible Government; Confederation; the "Stamp Act"; "Canada Tenurcs Act."
6 How are appointments to the following offices made:-Of Governor Genern, Lieutenant Govermor, Judge, Senator, Magistrate, Coroner?

## Exhituit the corork.

## III. [2]

ARIMIMETIC.
Time, 1 ho. 30 m.
1 How maxy days will it take to count a million of dollars at the rate of 1 dollar per second, the length of the day being 10 hours with two intermissions of 1 hour each?
2 Reduce 3 of 10,000 acres to ft ., and prove the correctuess of your answer by reversing the process.
3 The population of a certain town was 28,000 in 1871 and 34,240 in 1851, what was the increase per cent. between these periods?
4 How many barrels of flour at $\$ 6.50$ per barrel should be distributed in payment of wages among 56 men who worked 42 days at the rate of 90 cents per day?
5 If S 7 cwt 3 qrs. 13 lbs. (short wt.) 'is bought for $\$ 93.12$, how much should be paid for 1 qr. 13 oz .?
6 Find the sum of the values of the following: - $\frac{2}{6}$ of 1 qr., $\frac{1}{3}$ of 2 lbs., and ${ }_{6}^{\circ}$ of 13 oz .

5 Exp:
N. B
III. [3]

1 Nort
2 The ,

3 Britic

4 Give

5 Give
© Draw
III. [4]

1 What
2 What
3 Under
4 What
5 What:
6 What:
e
III. [5]

160 lhs .
2 Add 9
3 How m
4 If 3 lbs

7 If 24 men can build a wall 96 ft . long and St . in height in 15 days, how many days will be required by 36 men to build a wall 104 ft . long and 6 ft . in height?
S Express in metres the following, and add them:-5421 centimetres, 36 decame. tres, and .078 kilometres.
N. B.-Seven Questions will be considered a full paper.

Value of Part I. 66: of Part II. $34=100$.

## Part I.

1 North America. Its boundaries? Its principal watersheds, plains, and lakes?
2 The Saint John River. Its source? The Counties of New Brunswick, in order, through which it flows? Its right and left hand tributaries, and the Counties through which they respectively flow? The towns in order from the source to the mouth of the river, and any noteworthy facts respecting them.
3 British Isles. Enyland.-Its chief manufactures and their respective seats? The situation of its four largest towns? The length and general direction of its two longest rivers? Scotland. - Its four largest towns and the rivers on which they are respectively situated? Ireland. -Its chief industries? Its principal lakes and where situated?
4 Give four proofs of the earth's form. What is longitude? Show how it is ascertained that the difference of $1^{\circ}$ in longitude makes a difference of 4 minutes in time.
5 Give three instances to show that mountain ranges generally run in the direction of the greatest length of the land. What is meant by the climate of a country? Name at least four of the conditions upon which climate depends.

## Part II.

6 Draw from memory on the paper given you an outline Map of New Brunswick, inserting aud naming the chief towns and rivers.
III. [4]

SCIOOL SYSTEM.
Time, 80 m .
1 What is the constitution of the Board of Education?
2 What are the sources from which Education is supported?
3 Under what conditions can Trustees substitute Saturdays for.teaching days?
4 What should be the minimum capacity of a School-room?
5 What inducements are held out to Districts to employ a Licensed Class-Room Assistant?
6 What provision is made so that The Educational Circular shall be accessible to every Teacher?

To be worked woithout figuring.
III. [5]
mental arithmetic.
Time, 8 m.

> 160 llss . of sugar are worth 15 lbs . of tea; how many lbs. of tea are worth 360 lbs . of sugar?.

3 How many parcels each $1 \frac{1}{2}$ lbs. avoirdupois can be made out of 720 ounces of tea?................................................................................
4 If 3 lbs . of butter cost 3 of a dollar what will 10 lbs . cost?................ Ans.

# 5260 barrels of flour were bought at $\$ 6$ per barrel ; what is the commission at 2 per cent., and what is the total cost of the flour?............... Ans. <br> 6 If one man can do a piece of work in 853 days, how many men should do it in $5 \frac{1}{3}$ days? <br> Ans. <br> 7 After giving awny $33 \frac{1}{3}$ per cent. of $\$ 90$, how much remained ?. . . . . . . . . . Ans. 

## III. [6]

COMPOSITTON.
Time, 1 lr.
1 Make such corrections in the following sentences as you think necessary :-He has fell in the river twice. His vitality and power is very evident. I have no reminiscence of that event. I detest being in debt. I abhor treachery. That man gave up his party, quitted his parents, and deserted the country for ever. The prisoner avowed the crime of which he mas accused. He has forsaken the claims he used to put forward. I think the sentence of the judge was very austere.
2
"Yes, proof was plain that since the day When this ill-fated traveller died, The dog had watched about the spot Or by his master's side: How nourished there through that long time, He knows who gave that love sublime; And gave that strength of fecling creat, Above all human estimate."
Put the above in prose form in answer to the following questions:-What proof was plain? How long had the dog watched? What do you suppose kept the dog alive during the long time? Who knows how it was nourished?
3 Write a short letter making application to the Secretary of Trustees for a vacant School.
III. [7]
englisi grammar and analysis.
Time, 1 hr .
1 Define Noun, Pronoun, Verb, Mood, Tense.
2 Give the cases of the first personal pronoun, and the masculine form of the thind personal pronoun.
3 Give the past tense and past participle of the following verbs:-Blow, go, run, drown, get, smite, fall.
4 Of the following adjectives compare those that admit of comparison:-Near, happy, many, perpendicular, old, square, full, eternal.
5 Define a complex sentence and give an example.
6 Give the general analysis of the following :-
"Her timbers yet are sound,
And she may float again,
Full chargeil with England's thunder,
And plough the distant main."
7 Give the detailed analysis in the following form :Sec Form $\mathrm{I} .[7]$.
8 Parse in tabular form the italicised words in the above passage.
III. [S]
indusitial drawing.
Time, 1 lir.
[Same as under Classes I. and II.]
III. [9]

Agriculture.
Time, 1 lr .
1 Name the important inorganic substances usually found in cultivated soils Briefly describe two of these substances.
2 What are the principal substances which constitute the organic matter of plants?
3 Upon what does the fertility of the soil depend?
4 Point out the mechanical action of lime upon heavy clay soils. pose kept trished? ees for a ime, 1 kr . the thind go, run,
:-Near, me, 1 hr .
me, 1 lr . ed soils latter of

5 What is meant by "rotation of crops"? What is Leibig's theory? How did he support it?
6 Point out the advantages of proper ventilation in connection with the rearing of cattle.
III. [10] Userul knowledge. Time, 1 hr .

1 Name the chicf combustible minerals of the Province, and state where they are found.
2 Mention some of our native woods that are most valuable (a) for building material, (b) as ornamental woods.
3 Compare the pine and the birch with respect to (a) their foliage, (b) their bark, (c) their wood and its uses.
$\pm$ Name the chief domestic and wild animals of the Province.
5 Name the organs of sense and give notes for a lesson on one of them.

# EDUCATIONAL INSIITUTE OF NEW BRUNSWICK. 

(Organized 1877, umiter authority of the Board of Elucation.)

FIFTH ANNUAL•MEETING, JUIS 12-14, 1881.
I. OFFICYAL MINUTES.

## First Session.—I'uesday Afternoon.

The fifth annual mecting of the $j$ ucational Institute convened in the Exhibition Hall of the Victoria School Building, in the City of St. John, on Tuesday, the 12th of July, 1SSI, at half-past two o'clock, m.m.:-Theonore H. Rand, D. C. L, Chief Superintendent of Education, in the Charr.
After a few appropriate words from the Chairman, a choir of ladies and gentle. men, under the leadership of Messrs. T. H. Hall and H. S. Bridges, A. M., favored the Institute with an inspiring chorus.
The members present, to the uumber of nearly seventy, were then enrolled is the Secretary.
Read Report of Execctive Commitee, as follows:-

## REPORT.

The Executive Committec met at the Nomal School, Fredericton, in December, for the tmusuction of business when, under the amended $r$ ation, there were present as ex officio members, in phate of the Provincial Examiners, four of the Anspectors of Sehools.
2 At the meeting then held, a letter from the Chief Superintendent oi Education was read, repme. its for their information (1) the fact that the sugrestions of the Educational Institute, relatire is the existing Cuurses of Instruction, together with the sequent recommendations of the Inspector ati the Chief Superintentent, had been substantially atopted by the Board of Education; and (2) the following order of the Board:

Orderch, That the Board of Education will be pleased to receive and consider any suggestionsin the choice of Tcat-Books, which may be from time to time submitted to the Board by the Executire Committec of the Elucational Institute.
3. Arrangements were then made for the present mecting of the Institute, which have beenerbodied in the printed programme.
4. l'ursuant to the amended regulation in this behalf, it will be necessary for the Institutet) elect eight of its members to be members of the Executive Committec, instead of six as iomerly.
5. At a meeting held this day in the Victoria Sehoul, the acenunts of the Secretary-Treasuria nore audited and found correct. The total receipts for the yearended July 12th inst., amounted to sin; the whole of which have been expended, leaving a balance of Now 30 due the Secretary:
(Signed)
herdert C. Creed, Scc.-Treas. of Ex. Committe
The following gentiemen were severally nominated and elected to compose tha Nominatiny Committce:-Messrs. John Montgomery, of Carleton, Thos. Stothapt, of St. John, Jas. R. Mace, A. M., of Fredericton, J. G. MicCordx, of Moncton, and Joms Lawson, of Yortland.

Having retired for consultation and returned, the Nominating Committe, through their Chairman, reported the following names:

For Secretary-H. C. Creed, A. M., of Fredericton, and G. R. Yarkin, A. M., of the same place.

For Assistant-Secretary. - David Wilson, A. B., of Gagetown, G. W. Merserean, A. B., of Bathurst, and A. J. Denton, A. B., of Shediac.

Mr. Parkin declined the nomination, whercupon Mr. Creed was re-elected to the office of Secretary.

On motion, Mr. Merseneac was elected Assistent-Secretary.
The Chairman urged upon all present who were cligible to membership to anol themselves as members and give their aid in bearing the expenses of the Institute IIe announced that Professor Walter Smith, of Boston, V. $v$. 10 in the city, and that he would be pleased to reccive and answer any questions nat might be handed

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Wilima: ing lecturc Music l: Jiss McIn: The Cha the Assem ci ist. John His Hos parpose of and gave $r$ After th adjourned.

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Mr. Prin mading the High Schoo rhemsing $t$ ticiting the Coarse befor
Mr. H. S. ci a report Conckel
Mr. Crock Institute las Ite motion.
Remarks Allbert Co., ist. Jom,
in by Teachers in relation to the subjects of Industrial Drawing and Art Education.
Mr. Joun March, Secretary to the Board of School Trustees of St. Johm, invited the teachers and others present to visit the School-rooms in the Victoria building, where specimens of the pupils' work might be seen, and informed them that a fine rier of the city might be obtained from the top of the building.
The Chairman amounced that through the kindness of Mr. D. P. Chisholm, the managers of the Mechanics' Institute had caused their museum to be thrown open to members of the Institute each day from 5 to 7 o'elock, p. m.
On motion, the Institute adjourned at $3.40 \mathrm{p} . \mathrm{m}$.

> Secomel Session.-Tueslay Evening.

The Chief Superintendent took the Chair at $S$ o'cleck, $p$. m., and called upon the choir, who sang an anthem, after which the Rev. James Demnet, D. D., offered payer.
The minutes of first session were read and approvel.
There were upon the platiorm Fis Honor the Lientenant Governor, His Worship the:-Iayor of St. John, Professor Walter Smith, the President of the University of N. B., other members of the Executive Committee of the Institute, and several clergymen.
Whimam Crocher, A. M., Principal of the Normal School, delivered the opening lecture, upon the subject of "Exlucative Instruction."
Music being again called for, the audience were favored with a vocal solo by Jiss McInnis, with piano arcompaniment.
The Chairman here introduced His Wonsmop the Maror, who briefly addressed the Assembly, and welcomed the members of this ?rovincial Institute to the City aist. Jolm.
His Honor the Lieutenant Governor who had come from Fredericton for the parpose of attending this meeting, expressel his good will toward the Teachers, and gave reminiscences of his own school life.
After the singing of Buck's "Festival Hymm" by the choir, the Institute :djourned.

> Thivel Session.— Wrethesiluy Mornin!!.

The Chief Superintendent called the Institute to order at $9.45 \mathrm{a} . \mathrm{m}$. The minates of the last session were read and approved.
The Secretary presented a report from the Executive Committee, recommending the Institute to confer honorary membrrship upon Professon Jonn Burwasir, A. M., of Mount Allison College, Sackville. On motion, the recommendation was manimously adopted.
The Secretary made amouncements respecting enrolment and travelling juasses. The Chairman called for the order of the day, -the report upon the proposed Carse of Instruction for Migh Schools and High School Clasies, prepared by a special simmittee appointed for the purpose by the Executive Committee in December last.
Mr. Penciral Chocket, Chairman of the committee, introduced the subject by rading the prefatory remarks made by himself in reporing to the Institute on the High School Course last year [Sec Lilucational Circular; No. 12, page 35S], and rharsing the steps taken by the Excentive Committee this year with a viow to ticiting the opinions of teachers engaged in High School work. He placed the Coase before the Institute in sulstantially the same form as last year.
Mr. H. S. Bridges, A. M., of St. John, a member of the committec, read a part cia report by himself, differing in some particulars from the views of Principal Cmokek.
Mr. Crocket moved the adoption of the Hish School Course as reported to the Institute last yearand published in the Elucational Circular. Mr. Denton seconded tre motion.
Renarks were made by Messrs. Dentor, Chipman Bishor, of Hillsboro, Surrcy, Albert Co., Phakin, of Fredericton, J. G. A. Belien, of Portland, Joms Marcir, ci St. John, and Dr. Jack.

Mr. Denton moved as an amendment- that the proposed Classical and Moden Courses be amalgamatel, and that the selection of the optional subjects which shill be indicated loy the Board of Education be left to the Boards of Trustees of te various Districts. Mr. Montgomery seconded the amendment.

Messrs. J. M. Councirathabie, of Neweastle, Mir., W. Parlee, of Portland, Bishor, J. G. A. Behyea, G. W. Finwiek. A. B., of Fredericton, Pmiciph Crucher, Devtos, Creed, MeCoriny, and D. Morrison of St. John, spoke to the question.

Mr. Creed moved as an amendment to the amendment, seconded by Mr. Mont gomery,--'lhat the report of the committee and suggestions made in the course $:$ : the discussion be referred to a select cummittee of seven teachers engaged in Hisf Schoul worh, including one or more of the present committee, to report thereon if: to-mortow morning's session.

Further remarks weee made by Messrs. Denton, Parkin, Bnidens, Mares, Belyea, S. C. Whimer, A. B., of Moncton, Dr. Jack, and Insiector G.iryce,

The question being taken, the amendment to the amendment was carind unanimously.

The following committee was accordingly appointed:-Messrs. Parkin, Crocke, Bridges, Montgomery, Denton, Mersereau and A. W. Wilkinson, A. B., of St Andrews.

On motion, the Institute adjourned at $12.20 \mathrm{p} . \mathrm{m}$.

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\stackrel{:}{\text { Fourth Scsision.-Wrelnesilay Ajternooir. }}
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The Chief Superintendent having taken the Chair at 2.30 p.m., the minutad the morning session were read and approved.

The Chairman introluced Iror. W.alerer Smuti, State Director of Art Educati: in Massachusetts, who had aceepted the invitation of the Executive Committer wh come to the Province for the purpose of addressing this Institute upon the suljus to which he had devotel his life.

Prof. Smith discoursed for nearly two hours upon the subject of Industrin Draveing.

At the conclusion of his address, the professor invited the assembled teachersh examine a collection of specimens of the work done in the Massachusetts Noras Art School, illustrating almost cvery variety of drawing and painting, as pmaiiosd during the three years course in that institution, and also the test-papers in irid hand drawing done by all the pupils in two of the advanced scaools of Boston. tit these were conveniently displayed for examination.

The Institute aidjourned at $4.45 \mathrm{p} . \mathrm{m}$.

> Fijtlu Session.— Wednesday Eseniu!g.

In the absence of the Chief Superintendent, W. Bryoone Jack, D. C. L., Pris dent of the Provincial University, took the Chair, at $S$ oclock, $\mathrm{p} . \mathrm{m}$.

The minutes of the last session were read and approved.
The Chairman, with a few prefatory remarks, amnounced the first subjectia discussion this erening: viz- "The co-operation of parents, trusters, amd the its munity cossential to the fillest success of the Thetcher's work."

Mr. G. I. Parkis, A. M., by previous appointment, opened the discussion: was followed by Messrs. Winminis Sievewright, of Newcastle, C. B. Wathen, St. Stephen, Creed, Chockier and Bishor.

At half-past nine oclock, the Chairman brought the discussion to a closs 45 called upon Mr. A. J. De:ron, A. B., who read a paper upon the question "Compmisory - Atemence at School-is it advisahle and practicuble?"

At the conclusion of Mr. Denten's paper, the hour of ten having arrivel, Institute adjourned.

Sixtl Session.—Thursulay Morning.
The Chief Superintendent took the Chair at 9.30 a . m. The minutes of the last session were read and approved.
The Chairman invited Pnoresson: Berwasm of Sackville to a seat upon the platrm, welcoming him to the membership of this Institute, and thanking him for be active assistance he had rendered in promoting the interests of the teaching pofesion and the work of education, in the County Institutes, on the more public hatiom and otherwise.
Professor Burwash briefly respondel, thanking the Institute for what he deemed honor conferred upon him.
Professor Warter Smmer resumed the consideration of Industrial Diunciney, friering some of the principles previously laid down, and introducing a number practical exercises and suggestions for 'Teachers.
During an intermission in the Professor's work, Mr. Inspeeror Cox, Chairman ia Committee appointed by the Executive Committee for the purpose, introduced te following resolution in reference to the enrolment of pupils for entrance upon the irist Standard of the Course, which was seconded by Mr. D. Morrison :-
Thercas, Teachers find that much of their time in school is comparatively frittered away owing to Enliphicity of classes in Standard I., arising from the practice of idmititing children who are not mard to join the lowest division of the primer class, at all times during the school term; and fhercux, This necessirily. makes it impossible for Teachers to give that time and attention to the re almanced classes such classes can honestly claim, and not only results in injustice being done we chsses, but also the Tarchers tiemselies whose prospects of receiving the full remuncration Ehich their labors entitle them are often for this reasom not realized; and
Fifercas, The pmetice arises in the majority of cases from the fact that parents de not understand fimporance of enrolling such childeren as pupils as carly as possible in the term; and
Fhereas, The adoption of a fixed time fur such enrulment "vuld facilitate their prugress through the subsequent Stindards by preventing any undue strain to overtake the work fully; pherfore liexolece, That for the alove and other reasons it is the opinion of this Institute that =eaction should be taken by the Board of Education to limit by regulation the time or times at Eh such enrolment be made. ${ }^{+}$
On motion of the Secretary, the further consideration of the resolution was fiered until the afternoon session, then to be first in the order of iessiness.
Professor Smith resumed the platform and proceeded to discuss (1) The proper ? y the blackboarl in teaching drauin!, and (2) the treatment of original design. ealso answered a few questions seut him by Teachers in response to invitation.
The Institute adjourned at $12.45 \mathrm{p} . \mathrm{m}$.

## Seventh Session.-7'hurslay Afternoon.

The Institute having been called to order at $2.30 \mathrm{p} . \mathrm{m}$. , by the Chief Superindent, the minutes of the morning session were read and approved.
The order of the day being taken up, namely, the consideration of the resolution ged by Mr. Inspector Cox, remarks on the subject were made by Messrs. osison and Sievewrignt. Dr. Rand, Messis. Whlder, Pancipal Crochet, frempr Mcllen, D. P. Chiniola of St. John, McCurdi, Inshectur Cox, mea, Isirector Wetmore, Inspector Oakes, and Creed.
On motion of Mr. Denton, seconded by Mr. Parkin, the report embodying the whation was referred back to the committee for amendment. $\dagger$
Mr. Parkis, Chairman of the committec to whom was referred the consideration the proposed Miegh School Cours?, presented the following

## REPORT.

Ite ammittee appointed to report on the Ifigh Schonl Course ber to recommend that, for the Is of St Jimn and Fredcricton, and for other towns which may deceide to adopt it, the Course as ENd in the Eitucational Circular, [No. 12] be adopted, with the amendments herewith suggested, finitics are provided by the Trustees for carrying out the requirements of the double course cantr.
barining at this conclusion with regard to retaining the double course for larger communitics 6ndesite it, the emmmitice have becis influenced chicdy by the shatement made to them by Mr. Fth, Serretary of Trustees for the City of St. Jolm, that the Jonrd of Trustecs were prepared to

[^6]or Ioxiadion jursed nit the fifith Sesslon.

80 improve the accommodation and increase the working staff of the Grammar School that a des course could be properly carried out.

The amendments to the printed course sucyested by the committee are as follows:-
In Standard IN.
Latin. Omit "Nepos," and substitute " Review of Bryce's First Book (if necessary) with Cixsur," In Standard İ. $^{2}$
Iatin. Omit "Metamorphoses and Fasti of Ovid as in Bryce's Second Book," and substitute "T gil's Fneid, Books I. and II.

In Standaid XI.
Latin. Onit "Viryil's, Fneid, Book I." and substitute "Horace, Odes, Book I." For "Cix Pro Lege Manitia," substitute "Cicero, as fixed by the University" Matriculation Examination"

Greck. Omit the words from "Xenophon's" to "Seend Bonk," and stubstitute "Xenophuan Homer, as fixed by the Cuiversity Matriculation Examination from year to year:"

In Stindard XII.
Latin. In place of the words going before " Reading," substitute " Iforace, Ars Poctiu; Lis: $_{\text {: }}$ Bouk V. ; or equivalents."

For Ifigh Schools in localities other than those mentioned above, the committee recommende the two courses as printed in the Circular be amalgamated as follows :-

Standard IX.
(1) Prescribed Subjects:

Reading and Literaturs to stand as at present.
Composition as at present in IIodern Course. In addition, for elassical pupils, the Coris tion as in Clasuical Course.
History. Greek and Roman (Swinton or Collicr).
Industrial Drazing, Writing, Singing. As in Modern Course.
Arithmetic, Geometry, Algebra. As in Modern Course.
Geography. As in Modern Course, excepting South America.
Plant Lifc, Animal Life. As in Modern Course.
Physics. Completion of Motze's Physics, toyether with Useful Knowledge Lessin Reader VI.
(2) Optional Suljjects, one of which mutst be studied:

Latin as sugsested in Double Course, and Greck, -equivalent to Dook-keeping and Vers ration of Surfaces as given in Wormell, completed.
(3) Purely optional Subjects: French and German.
(1) Prescribcil Suljects:

Rcading and Literature. As at present.
Composition. Themes-Narrative, Descriptive and Expository (Advanced Text-fid Paraphrase of passaye from English Classic under consideration, monthly. For Claxid Scholars, -Trauslation written from Latin author monthly: For English Schdom, An original commsition at least monthly.
Grammar. As in Modern Course.
History. Ancient Oriental Monarchies, with review of Greck and Roman History (Siriz or Collier).
Industrial Drauiny, Writing, Singing, Gcometry, Algcbra. As in Modern Course.
Geography. Remainder of Geormply of Europe in detail.
Plant Life, Aumal Lifc. As at present.
(2) Optional Subjects, one of which must be studied:

Latin and Greck as suggested ahove (in Double Course), -mequivalent to Logic, Land is ecying, Trigonomelry, and Natural Philosophy, as in Modern Course.
(3) Purcly optional Subjects: French and Gcrinan.
(1) Prescribcd Suljccts:

Standard XI.
One of the Courses as laid down in the Circular, with the excertions in Classics recommend
Stindamd XII. As at present.
(Signed)
G. R. PARIIN, Chairtui

Moved by Mr. D. Mormison, seconded by Mr. Wilbur, that the report received, and referred to a select committee, as suggested by Mr. Parkin, to riz next year.
kI." For "Crw Examinatio:" ute "Xenophose

Ars Poctim; Lit tee recommendis
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Logic, Land E: 2

Nessrs. J. G. A. Behyba, F. H. Hayes, Chisholm, Montgonery, Creen, flubr, McCurdy, G. U. Hay, of St. John, Inspector Wermore, and the Chairan spone to the question.
It was movel as an amendment by Mr. Creed, seconded by Mr. Mace, and
Pested, That the report of the Committee be adopted provisionally for the ensuing year; that churse, as amended, be printed for the iniormation of T'eachers interested; and that a special guittee on the Course be appointed, to be at the call of the Chief Superintendent if necessary.
On motion, the seven gentlemen composing the present committee (see Minutes Third Session), with the addition of Mr. Willur and Mr. Mace, were constituted ecommittee required by the foregoing resolution.
Mr. G. F. Marriew, A. M., of St. John, being introduced to the Institute by ee Chairman, read a paper upon The Useful Minerals of New Brumsacich; and the Anactical means of promoting a general acyutaintance vith the sulject throuth the dicoin of the country. He illustrated his lecture by reference to a selection of cimens of the various mineral species and rocks mentioned, which he invited e'feachers to examine,
A descriptive catalogue of the minerals of New Brunswick, prepared by Mr. athew, was kindly placed by him at the disposal of the Chief Superintendent of duation, fur the benefit of the leachers.
ifrofesion Bunwasir, by request of the Claimman, briefly addressed the Instifr, giving practical suggestions for dealing with the subject of minerals in Schools. The Nominating Committee, through Mr. Montgomery, Chairman, presented cir report, submitting the names of sixteen gentlemen as candidates for election bemembers of the Execntive Cominittee : viz., C $\dot{x}$. R. Parkin, A. M., of FredericB.D.P. Chisholm, of St. John, G. W. Mersereau, A. B., of Bathurst, J. G. McCurdy, Joncton, G. H. V. Bulyea, A. B., of Sheffield, Berton C. Foster, A. B., of ridericton, A. W. Wilkinson, A. B., of St. Andrews, David Wilson, A. B., of getown, S.|C. Wilbur, A. B., of Moncton, Chas. G. D. Roberts, A. B., of Chatham, hiyman Bishop, of Surrey, Thomas Stothart, of St. John, W. B. Wiggins, of Jackarille, F. T, Miller, of Canterbury Station, A. J. Denton, A. B., of Shediac, and In Lawson, of Portland.
Mr. Denton declined the nomination.
On motion, the report was received, and the names referred to ballot.
The Clairman named as tellers Mr. John March, Mr. Inspector Cox, and Mr. fyector Gaunce, who presently reported that the following gentlemen had Aived the largest number of votes:
Geoke R. Parkin, A. M., George W. Mersereac, A. B., David P. Cmisholm, mine H. V. Bulyea, A. B., Samciel C. Walben, A. B., Emwin T. Minder, mes li. MeCbrdy, and Tmomas Stomart.
These gentlemen were therefore declared members of the Erecutire Committee for eensuing year.
In motion, the Institute adjourned.

## Eighth Session. - Wharsidey Evening.

Ite Chief Superintendent of Education took the Chair at S o'clock, p. m. The minutes of the last session were read and approved.
The Secretary read a report from the Executive Committee, recommending the sige of the following resolutions :-
foverd, 1. That the thanks of the Institute be tendered to Mr. Principal Crecket, Mr. Denton Dil. Dlathew, fos their very able and instructive papers read before the Institute.
Froded, - That the thanks of the lustitute be given to the IBoard of School Trustecs of the City - Nuha for the use of the Victoria School building on this occasion.

Fasked, 3 That in the npinion of this Institute, it is desimble that the Trustees of Schools Sishot the lrovince shall arrange, is far as practicable, that the admission of pupils to the "kidisision oi the First Standard be at the besinning of the school term or school ycar.
On motion, these resolutions were manimonsly adopted.
laceison: Bunwasir, by request of the Chairman, spoke briefly at this stage, teference to the subject of the evening, being obliged to leave the mecting carly. Hasic being called for, the choir sang a lively chorus.

The Chairman, with a few prefatory observations, introduced the lectures, the evening, Professon Warres Smith, who addressed the Institute upont subject of Industrial Art Eildcation.
At the conclusion of the lecture, the Secretary moved the following resoluti: which was seconded by Mr. Bridges, and carried by acelamation.
Resolved. That this Educational Institute, recognizint the value of the eminent services ranom 1) Pros. Walter Smith as an edncator, especially as a leader in the diretim of Art Eduction, 2 Cinvinced that the earnest and instructive adilresses with which he has favared us must be prive tive of the best results in the Schools of this Province, do now tender to Prof. Smith ournat thanks for what he has done for us.
The vote of thanlis was conveyed by Dr. Rand to Professor Smith, who hearte responded.
Hos. Johr Born, Senator, being called upon, made an entertaining spade which was followed by a piece of music.
The Chairman tendered the hearty thimks of the Institute to the choir for the excellent music.
A vote of thanks to Dr. Rand for the able and kindly manner in which hess presiled during the sessions, was moved by Mr. Denton, seconded by Mr. Bridey and heartily accorded.

The Institute then adjourned until next year.
(Signed)
HERBERT C. CREED, Secietar.
(Signed) THEODORE HI RAND, Chief Superintendent.

## MEMORANDUM.

## Scmmari of Members in Attendance.

'Ieachers enrolled as Members.

Inspectors, Trustees and Secretaries, enrolled as Members.
Members ex officio.
Honorary Members3

Numer from dach Colenty.


## Visitors.

Besides a large mumber of Teachers not members of the Institute, there na present at some of the sessions His Honor the Lient. Governor, Hon. G. E. hi:Judge of the Supreme Court (honorary menber), Hon. John Boyd, Senator, Sirss Jones, Esq., Mayor of St. John, Professor Lawson of Dalhousic College, Haliza Professor, Burwash (honorary member) of Mt. Allison College, Sackville, Rep James Bennet, D. D., Kev. D. MeRae, D. D., Rev. D. Waters, LL. D., Rev: II M. Wecks, Wim. Elder, A. M., M. P. P., (honorary member), Wahlace Tumbers Fsq., J. V. Ellis, Esq., Alcx. Barnhill, Esq., Thomas E. Millidge, Esq., and mer others.

Jost men lo Bey are intere es in the tre haracteristics bute rock the Dished statue duaction. Tl fine, the prac econtemplate fuches on sol th it, and ha: hto principles, bat opinion re mit the subjec fail for the bu bordinates ki rime, another at it does not fril fundamen What is the gi of of cducatio in who would enot expect fa fiers, and to $n$ tich he had no cae subjects. courage only t + pawer to rea rugham after at the favorite ?re acconypanit itteli power. nthat unless derlying educ This underlyint fr depart from de, to shoot witl twhat he knen I not count mu trabit Philo didea as it ater tessional cram cirtook to fur Lr could make. iont it During to when almost chasts had little krs came more : frebrious, lost i vairacy and de thmed and cap cithe it, that $t$ The proper aim , tis powers so a oht out and c. It hat woy call fite pupil's powe bu, may strain \} eif thereby 1 ra Elams of its gro Enior.
Hesee that the: canimpressions comes to form s te has made an sere to be benes $\frac{1}{5}$ But this is no PC crntion and didnis playmate. Whe have then thr
ae lectures ate upon: ug resoluti: :ervices rano t Education, 4 must be prowe smith wrine:

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ining skeres shoir for the which he bs Mr. Braly

## II. PAPERS, ADDRESSES AND DISCUSSIONS.

A.-Opening Lecture by Wrilliam Crocket, A. M.

## Educative lnsticecion.

yost men look at things in the direction of their own tendencies. They sec propertics in which tey are interested but fatil to perceife what does not immediately concern them. The carpenter ks in the tree the boards for his workshop, the humberer the deal for the market, the botanist the hanateristics of its strueture and the yoet "a thing of heauty and a joy for ever." In the inanibute rock the builder sees the cormer stone of a noble edifice, the sculptor the full proportions of a mished statue, and the geologist reads the story of the olden times. So it is with the subject of douation. The elergyman sees in it the elegation of the masses, the politician the diminution of fine, the practical man the training for a particular pursuit, the parent the passport to the position fecomtemplates for his son, and the miserable bachelor nothing but a bill of expense. The subject wuches on so many interests, and has so many aspects, that every man is more or less concerned fith it and has got his own notions rerarding it. Formed as these renerally are, not upon a seareh hto primeiphes, but according to the bias or tendency of the individual, it is not to be wondered at tat opinion rearding its subjects, methods, and results should be so contlicting One man would mit the subject to the three 1R's, another would embrace whatever subjects are required to fit the apil for the business of life. One man ignores method, and makes knowledge paramount, another cbordinates knowledge to method. One man believes that the diffusion of education will diminish fime, another believes nothing of the kind-it may give it a different direction, but statistics prove at it does not diminish it. Thus the contest has been going on for many years and will continue thil fuddumental principles are generally known and recornized.
What is the grand ideal underlying all this agritation, all this interest, all this desire for the deftein of education? Is it merely that the pupil may be crammed with so much knowledre? Does the an who would limit the subjects of instruction to the three R's ask for simple knowledge? Does enot expect facuity-faculty to read words and senteness distinctly, to handle the pen and form Wers, mu to manipulate numbers? 'To aim at this is to aim at endowing the pupil with a power tich he had not before. This as far as it goes is capacity acquired through the instrumentality of kse subjects. When the Province at the begiming of the century granted elo to each parish to courace only two of the three R's - Reading and Writing, it intended that the pupils should acquire tywiwer to read and write-that they shonld be trained to do the things specified. When Lord rughmanter the French Revolution somuded the note of the edncation of the people, it is true at the favorite phrase was the diffusion of knowledge among the people-useful knowledge. But ene accompanied it the aphorism which is still current-"Fnowledge is power." Knowledge is not fiteli power. Power is the result of the effort put forth to aequire knowledge. It would then En that unless the diffasion of education sive faculty, power, capacity, the grated national idea zerlyimg education is not realized.
This underlying idea is the one that has run through the ages, however much in our practice we erdenart from it. The old Persian ideal of education was one of capacity not of acquisition. - To fe, to shoot with the bow and to speak the truth. The accomplishments of the perfect linight were twhat he knew, but what he was and could do. Among the Greeks knowledge as mere knowledge Inot connt much.-They aimed not at the ecquisition of knowledge but at the acquisition of perattabit. Philosophy was a life, not a system which could be written down on paper. Such was fideas it grew out of Greek experience. It is true there were then as there are in our own day Wessional crammers-men who defended cram on princijle. There were the Sophists, teachers who dertook to furnish their pupils with ready-made talk, which could be produced on any oceasion. If conld make a speech or write a leader on any side of any question withont knowint anything watit. During that brilliant period of Atheniain history about two centuries beiore the death of to when almost all the citizens were equalls well qualified to fill oflices or conduct business, these shasts had little foothold, but as Greece went down in virtue, honesty and patriotism these cramsseanc more and more to the front, and the term crammer-which in the good time was held frobrious, lost its offensive construction and came to mean simply a public tencher. But this was fremey and decay. In the uncorrupt time education was the arency by which character was to thmed and capacity acquired. And this is the grand central ideal, in whatever iorm we may seek dithe it, that the modern spirit is more and more casting about to realize.
ine proper aim of the Teacher is: to aid in the realization of this conception- the evolving of the Fitspors so as to fit him for action in any useful sphere. The powers of the intellect are to be Thth ont and character formed as far as time and circumstances permit.
bihat way can the school aid in the realization of this ideal?
Tte pupit's yowers can only be evolved accordine to natural law: We may cram him with knowsh, my strain his memory to the utmost cipacity, but if the mind does not erow in this way, we shthereby produce healthy faculty any more than we can produce a healthy plint except through thass of its growth. Let us consider for a moment the laws stamped upon the mind by the Evior.
Whese that the mind first expands through contact with the external world. By means of the essimpressions are made upon it. The child sees a tree one day and another the nest and so on, promes to form some ider as to what a tree is. He is not able to define it, but he knows what it le bas made an induction of his own. This is a natural haw, and so in regard to actions. He sees sere to be beneficial, and another and another, and he soon comes to select that which is benefi1 Dat this is not all in this simple operation. Every perception is accompanied with some feelefernotion and some desire. Wateh for instance how a child acts while looking at the beautiful cluis playmate.
fre have then three aspects in which objects affect the mind. They form perceptions, give rise to Fissor emotions, and awaken desires. Further, when a sufficient number of percepitions have
been thus formed, a higher operation takes place. The mind detects similarities, it unites theminh groups or classes, and thus gradually rises from the individual to the weneral, from the concere 0 the atustarat. In the case of the fecinings the child learns to love what is worthy of being loved, atod from doing this in particular cases its affections cularge until groups are embriaed ; it then setsits desires on what is really desirable and seeks to attatin it These are the laws of mental grouthperception through the senses, from indisidual or particular cases to fencral law: from the concrete w the abstanct-and their violation will be followed by such penalties ats are consequent upon the violation of physiological or any other matural law.

In our haste to inmart knowledge we are apt to ignore these laws - to give the child his perceptions of an object throush verb:al description, instead of bringing him into contact with the wbject the's or representation of it to give him the abstract by way of rule and definition instead of lading him step by step through concrete examples. In our lessons in natural science, we seek rather to berin with the ciassification and generalizations of naturalists than to bring the pupil into conthe with nature itself and lead him up to her laws. In the oase of the feelings it is not uncommonfor us to expatiate upon a sirtue before the pupil has had sufficient experience to enable him to apore hend what we mean.
The instrument through which the Teacher seeks to educate the pupil is instruction. Instruethe is the means, education the end. We have not now to discuss what subjects are best suited to os complish the end. We have settled that question according to the best of our judement. We believed that the study of the two great subjects, man and nature, meets the wants of the human mind and forms the only sure basis for action. IIence we divided our course into the two subjectsLangutege and Natural II istory or Science, -Languagre as the expression of man's immer life,--Naturs Science as the expression of the external world. Whateser aptitudes a pupil may afterwards exhitit
 may make to meet the wants of its students, I bolieve that we were gruided by the soundest pringpis not only in conjoining both subjects in our Course, but in assigning equal value to each, and thond in places hot remote, it has been snecringly and flippantly assailed, it was only to bring out its utit ity ind power.

It is in the mode employed in using the Course just as it is in the proper appliention oif any instrs ment, that its effectiveness depends. The mode must be consistent with the end in view. The mok may vary and will vary. I'he pat cicular plan which one man adopts may be ill suited tu another. If mode which is effective in some circumstances, may be fruitless in others. The think :!g man ${ }^{2}$. shape his mode to suit himself and his circumstances. It is here that the Teacher oughi to havean ontht to take the fullest frecdom. But principles do not change. They are the ctern.: light that suifle us amid all the vicissitudes of circumstance and condition. And here it is that the Teachers restricted. He camot without frustmang the true aim adopta mode opposed to the laws of merts growth-he eamot put the abstract before the concrete-the general before the particular.

One fundamental principle in educatme instruction arising vut oi these laws is cleamess and act. racy of ideas. However few these ideas may be there can be no basis for further progress untiltter become distinct and accurate. The external world first furnishes the only means to this end, wod here the child's first lessons must berin. If is not to be taturht geology, zoology, plantology or sif other ologry. 'lo attempt this is to attempt impossibilities. It is only a mature mind that can gray any of these as a science. But these sciences supply endless materiais for criving distinet notiond thines. But this can only be done when the things themselves are presented. Mere statemed aluut them is of no more value to a child's conceptions than is a deseription of colour to a blind min How useless, for enample, is a lesson on a leaf if the object is not submitted for examination anits properties determined by the pupils themselves: To describe its form, its outline and venatic without inspection, not only deprives the child of the means intended for its early culture, but iste sure way to impart false conceptions. 'I'est the result of tec..hing by mere statement and you mid find that the most absurd and incongruous notions are entertained- inotions which if ever thesid come accurate and distinct only do so through experience of the things themselves. On the ctes hand, if the leaf is submitted and its form fully cxamined and compared and contrastod with when forms, the impressions will be sivid and complete. In the same way should lessons be given on ted outline and venation. Again the ordinary phenomena that underlie the operations of ageneralh shonld be observed, and observed with sutheient frequeney. In this way is a foundation laid h tl:ose hioher exercises which the srowing mind requires. The phpil comes to detect similaritiens diffierences, and groups and classifies accordingry. From repeated observations of individual peer mena he inductively arrives at general laws. The impulse thus imparted to him will carry himoth higher and higher attainments as his mental powers unfold, and though lis school days math short, his training in the external world has been, as far as it gocs, complete. In connection io this subject, the London Leancet of May has a valuable article which was republished in the St. Jis. Sun, in its issuc of $2 \underline{2}$ nd ult. "Before the age of seven," it says, "the sole aim of the edman should be to develop by habit the faculties of observation, and mind storing with the closelsey nected power of recallin'r mental inipressions at will." This is confirmation from hirh authoritrof only of the principles I have laid down, but of the soundness of, at least, the first two standaris the Course.

Again, we have the abstract of the extermal world in the form of Arithmetic and Mathenats IIere also the abstract must be reached through the concrete, the seneral through the particity conceptions of numbers must be awakencd throurh the medium of objects. The word seven is a we sumd to the pupil who cannot count seven objects, and his operations on imperfect ideas of nuzis are mysterious perfomances. The practice of dealing with 100 's and 1000 's and larger numbers a view of acquiring rapidity in the fundamental rules, lays the foundation for that obscurity wis frequently hangs over the subject. With respect to the Inules in Arithmetic, it is notorious $t$ many jupils have for a long time no intelligent conception of them, and some are never able to aig them unless they are told by what rule the question can be solved. The papils are not stupid, th are bright at many other things. In the one case thes have acquircd clear conceptions which arif them eager to advance; in the other, they have not, and they dislike the subject. The dulnts this case arnses from reversing the natumal process-from dealing withrthe gencral before the parif lar, giving the rule without experience of the facts upon which it is founded-ly a sulficient nueb of practical exanpies are poposed and the pupll questioned step by step as to the processintis
met necessa
ill then le to
Gcumetry If iteslif well fitte Difnitions wh wasiderible m d knowledge, aud hure nal discipline of tl adupted by all p'ojed. Sulids alinder as real abich is its bot altacic else. II japer, passes tl sers the dug in 2 part of the: the accuriey of ciact coustruct pactice in such prepares him to ach way as this syuence to the beame celtacati base been study the other on Eut tinn a square de ienunstrations, ruceeds to find another line two fuds that it is e from the logical prepared to ente Our preseribed : The plan of fopil to be inven definitions and la 2ad not got (1) m Fineral principle itemover before gaic reasun IIut (Iperiments, sho as kuwn tlic onl wire satisfactoril mace is in mans, Le semeralit of anstructive Geol 23 well endeavo rrown Teachers In comnection $w$ itted to make th an of the Contine the respect profes sthat profesed i luir schools, sai o, continutes M fapde processes, squastions abou food and casily in dof English'Sel aiciently conden cide masher rete tith the French ou cift Tcit-iouk :o folid uas an unfi cann out with a has in the must le any rate, the for al the Enirlish rea The liniversities amakes Euclid fiversity, Kinnssto som by nisodern in lie have next th dory. It is lere oe inspired in tl Language. The wits school at an couge is far a
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tes themino ic comercte to ner loved, 300 - then sets is ital grouth1 the conictete cust upon the
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cos and ant. ess until tery this end, wo itology of 3it hat can gray net notions? re statemert a blind mic Hation andits and renstic ure, but isty , and your eser thes ix On the ctet cal with the : given on te a genemb bo ation laid milaritiesus ividual pleix arry himos days math nuction 1 the St. Jit the edurin ic closely $\alpha$ x authority standaris.

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mat necessarily be adopted in their resolution, he will mate the indaction for himseif. The rule Wh then be to him a realty, something he can apply wheres er it is applicable.
Gemetry has alnays been regarded as an emincht means of mental disciphine. The subject is in ikelf well fitted to be so, but the mode of commencing it has until recently been a serious drawhack. Dufinitions which can only be grasped by those haring a kuowledge of the sulject, or by minds of wasiderable maturit? were first presented and produced what Soerates calls simulaerel-semblances d knowledre, phantions, things to be gut rith of as som as possible, to make room for verities. How rudh more natural, hou much more pleasant, and how much soner the mind ean be fitted for the discipline of the study, if correct geometrical conecptions are first awakened. This mode is how adpted by all intelligent Teachers. Illustrations by means of paper, pasteboard or wood, are emposed. Solids are made the starting point-the mipil becomes familiar with the cube, cone and alinder as realities and not merely as lines on a blackboard. From the solid he takes the surface abich is its boundary, and in the surface he sees the line which he comes to know cannot exist anyahterc else. IIe nest proceds to represent his concentions. He hays his blocks or phanes upon aper, passes the pencil round them, and in the figures he sees the phane or line, just as the child tese the dog in the picture. The pupil should subseguently be introduced to constructive Geometry i part of the subject too much neglected by us Ile has pobathy been using his compasses to test the accuracy of his frechand representations. He should bow bo requred to use them in makine dact custructions-inn exact perpendicular, spuate, parelelogran, equilateral triangle, \&e His pactice in such constructicas leads him to see various relations in and between the fignares, which werares him to appreciate and even to anticipate the logieal demonstrations. It is only in some such way as this that clear concentions cam be had from the watset, that each step is the matural squace the the preding one, that cach attempt promises victory, in short that the subject can beome educatise. Let is simple question like the followint be pruposed to two averare boys, who bate been studying Geonetry for the same length of time one tratued on the phan described and the wther on Euclids phan : How much larger is a square desuribed upon a line two inches in length inna square described upon a line one inch in length? The laclid boy has not met with it in in denunstrations, and is mable to determine the relation. The moterii boy does not know but he proeeds to find out. IIf daws a line one inch in length add deseribes a square upon it. Ile draws anoberline two inches in length and deseribes a square ujum it. He takes the smaller square and Ends that it is contained four times in the larger Which of the two boys will receive most benefit foun the logical demonstrations: and let me ask our patetical iriends, which of the two boys is best prepared tu enter upon the practical affairs of life:
Our preseribed Text-book on the subject has helped to bring about the present mode of teaching at The plan of the book is on sound philosophical principles, which, if carried out, will lead the fopil to be int entive, intellectual and practical. The exphanations and illustrations that precede the fifnitions and lurial demonstrations shmbl be given in the form of ural lessons by the Teacher, wad not got up memoriter from the bonk Illustrations and experiments "ith a view of leading to patal piaciphes are alnavs most effective in the hands of the deacher. Wen for the pupil to read ithen over beforehand takes off the bloom of interest that wold utherwlse attach to them. For the saic reason Lutze's 'Text-look on lhysies, whici: deais almost exclusively with illustmations and operiments, should not be fonmelin the hands of the pupil at all. The text on Geometry is so far a haw the only one which treats the subject in the way 1 base described. Had its plan been Ere satisfactorily executed, we should have all booked upon it with much more favour the lanFuge is in many instances obscure, the demonstrations of the propusitions are too eliptical to enable begcneralit! of pupils to follow them without assistance, and too fittle prominence is given to onstrutive Geometry. It has been the means howeser of jutting us on the right track, and we ay well endeavour to suply its defects until they are remedied cither by the author or by one of xroma Teachers.
In comnection with what I have said on the subjects of Axithmetic and Geometry, I mar be perEited to make the following extract from Mr. Matthew Arnolds lieport on the Schools and Universifis of the Continent of Europe. In speaking of the Schouls of France ( 1 . $\overline{0}$ ), he says: "In reneral, be respet professed in France for the mathematical and scientific teithin!r of our Schools is as low sthat profesed for our classical teaching is high. it French schoohnaster who had seen a number (uur schools, said to me: 'Your hoys do mot learn Arithmetic, they learn to reckon.' And every er""mintes Mr. Arnoli, "who has watcled a French Teacher emplasiner with his pupils the Ephe precesses, and has also watched an Englin! boy's tealing with a rule of three sum, and heard Gquestions about its 'statements', which to him is a mere trick, learnt mechanically, not underfood and casily misapplied, has a rood notion of the diference between the Arithmetic of French zd of English Schools. I must not forget to add, that ome Geometry tenching was in foreign eyes Fifcently condemmed when it was said that we still used Euclid. One of the great sins of CamFidge was her retention of Euclid. I am bound to say that the Germans and the Swiss entircly agree fith the French on this pome. Enclid, they all said, was quite out oi date, and was a thoroughly Gift Test-buok io teach Geometry from. : $\because$ : s , of course, astounded; am? when I asked why Fidid was an unfit 'rext-book to teacl (icometrifom, I was told that Euchid's propositions were gakn out with a view to meet all porsible cavils, and nut with a view of developinergeometrical las in the must lucid and matural momer. This to me, in my ismomace, sounded plausible; but any rate, the foreirn consensus agomst the use of Euclid is somiething striking, and I camot but Eit the Eniglish reater's attention to at."
The Gnirersities in onvown Domi:non are now adopting modern mithods. Omr Provincial Eniverat makes Euclid or uodern incthods optional it its matrieulatlon eammination, and (ucen's dirersity, Kingston, Ont., treats, as stated in its Calendar just issued, (iwometry in the lecture om by nodern nethods its well as hy Euclid.
lie have next the inner acorld, Here we have human experience as enpressed in language amd sory. It is here that the pupil sees what the race has accomplished. It is here that his own spirit on inspired in the contemplation of human force, human freedom and activity.
language. The instrument throurg which this is accomplished is Janguare. The pupil who mies schod at an early arre cetl ouly receive a kuowledge and a wery imperfect knowledge of his own couace is far as he procecds however, it should be to him the clear and aceurate expression of thought. There is a sreat tendency on the part of pupils to memorize words withont connecting
them with the jdeas they represent or with any iteas. If care is not taken they fall into the habit of reading, of listening to reading, without taking any meaning from it. The lessons which are received through the external world, connecting as they do, or ought to do, words with things, are, in themselves language lessons, and are fitted to iromote its acquisition. The pupil who reccires such instruction is therefore less likely to misinterpret language, or fall into the habit referred to. But language is connected with thought as well is with things. The commection is a logical one, for language is not only related to thd extermal world, but also to the subjective mind. As languare, then is the expression of the thoughts, its value as an educative instrument will depend upon the pupils making this comection. It is just here however that we are so liable to be mistaken. There is, is I have said, a strongr tendency on the mart of children to catch sounds, and to repeat themer. rectly without associating any intelligent idea with them.

A few words of explanation as to the cause of this may put the matter in a clearer light. The muse is a physiological one, and it is to recent investigations in Nervous Physiology that we are indebted for the explanation. The brain has two distinct functions-an intellectual aud a sensational. By the former the succession of ideas is controlled, and the course of conduct determined. This is 3 distinctly human function. The sensational function, embracing the powers of sensation, ideation, and spontaneous remembrance, is common to the lower animals, as well as to man. This function is an absolute necessity of animal life, and it is accordingly provided for by a tendency to spontana ous development under appropriate stimulants and blind submission to the promptings of sensation, would in all ordinary cases supply the wants, or gratify the passions of man. Enless these prompt ings are controlled by an exercise of will ruided by a prior exercise of judgment, a man is a mere animal. These two functions are not only distinct but in some degree antagonistic, through the application of the ordinary law of nutrition to their respective organs. The portions of the brain which are most employed will receive the largest supply of blood, and will be the seats of the most vigorous cell growth, while on the other hand disuse, or restricted use, will be attended with funi. tional impairment or structural derangement. Now, the first impressions made upon the consciowness of a child have a strong naturai tendency to expend themselves through the sensorium or sensational portion, and usually do so, unless directed higher by the manner in which they are prduced. Unless care is taken to rouse the intelligent attention, the inmpressions made will excite the sensational faculties alone, be variously associated and remembered in their order, without being understwod. Hence the facility with which pupils can repeat, and repeat correctly, definitions, rule, in fact any kind of sounds, without howing anything about them. The following extract from the Lancet's article, already referred to, confirms the view I have given, which is substantially that of Dr. Wm. B. Carpenter. To prevent structural derangement: "The means is training as distinguished from mere exercise. This is an important discrimination. It is not work for mere work's sake that is wanted to cultivate the brain of a youth, but a skilful eliciting of cerebral function by education tending to formu'ate the cnergy of brain tissue by leading or constraining it to useful lines of action" Agrain, "The nere accumulation of what is called knowledge is not brain training, but brain burdening (sensational excitement) and may easily be pushed to the extreme of brain straining, with the result of a complete and ruinous breakdown."
To stady lanruate aright we should study the idea with the word, or the thought with the expes sion. How little idea have many of our pupils of terms much used but often littie understood-sud as justice, mercy, trith, couracre. The meaning of such terms can only be reached through concretc examples. If stories setting forth the virtue or the vice are told, children will soon come to appe hend what such terims really mean, although they may not be able to define them in set phrasenor is it desirable that they should do so until their minds have suficient maturity to grasp the comprehensiveness of a definition. ("Üse Art to keep the child ignorant."-Rousscau.)

When the pupils are sufficiently advanced to get knowledge from a reading lesson, the thoughtd every passage should be apprehended before the lesson is concluded. That wrong conceptions msy not be formed at the outset the main point or general drift of the lesson should be brought ost before it is read. The prominent ideas should be set forth in a form suited to the child's intelligence and his attention then called to the expression in which the idea is clothed. He is now preparalts read the lesson and to associate the meaning with the language. Each stanza or parayraph shodit then be taken upas much in detail as is necessary to the full apprecintion of the thought in it This gives the opportunity for the explanation of particular words or phrases and which are always bet understood in connection with their application. The practice of selecting the large words here spl there and of giving the explanation withont reference to the context serves no useful purpose. End paragraph treated in this way, the lesson may be re-read with a view of bringing out its full meanirg A lesson cannot be concluded in this way at one exercise. Many lessons will require several exercist but as the pupils advance more and more may be done at one time. The poetical cxtracts in the Readers should be grone over in the same way before being assigned for recitation. We are then sure that the expression is associated with the thought, and what is more, with proper thought Recits tions of questionable thought or sentiment, designed more for the amusement of spectators than the pupils' benefit, as also those beyond the mage of the pupils' sympathies, should be avoided.

When the pupil is snfficiently advanced to begin the more formal study of Literature, a plat similar to that adopted with the rewing lesson should be pursued. Let the general drift of the piece, be it an essay, a poem, or a play, be apprehended before the more detniled study is taken ua This may be done by directing the pupil to read the subject for himself and afterward questionits upon the leading points until the subject stands out in its broad outlines. This outline should thea be filled in in such a way that each part will be seen in its relation to the other and in its relationto the whole. It is here that the study of particular words or expressins will maturally come in, ad their peculiar force or aptness be felt and appreciated. It is on some such plan as this that the mind grows with the subject, becomes permeated with the thourgh, and is fitted mayhap for higher thins That form of so called Literature which deals only with the personal history of the author, is birth, marriage and death, with the name of his chief works, is of no educative value nor of at value whatever until the pupil's literary taste be somewhat formed. When he comes to fedith influence of an author upon his soul, the personal history may be left to take care of itself.

Another mode in dealing with the subject is to spend the time chicfiy in the study of partioph words to the exclusion of the thought. Though our text contain notes that deal almost excluiref with peculiar words, their history and origin, they were intended as aids to the mastery of the
thought and from the st matical anal render the e the thought drawing atts Telt-book), pace. The classionl pup instead of be leauties of : his Ovesteia.
History. norkings of 1 to the plan to particular act his moral sta Litely conver once get the e have givon hil pictured out a that may live sequence of $c$ ruse the imas in humal! natt In the forms steat purpose. dom, etc: On unral effects o The root ide secure to the c perceptions fro power which ul opprize. The itsgrowth. Tl nind and causi making the ch besutiful. It i deal of educat in the strife."
B. -Rep

PRIMCIPAL
as last year, : rent on to sa Secretary, ar only four Tea The objection minor points. the same as la School course course abolish to those who , lar course, to Dr. Rand s: hould agree $i$ suffer the gap sider, but rat Mr. Bridges had come to tl Latim, he sh ot the lexicon ato one High Mr. Crocket incular.
Mr. A. J. De the end of $t 1$ Dr. Rand rey the higher grad
thought and not to be dealt with as isolated pedantries. Nor is there much if any educative value from the study of the subject by making it merely a means for a further acquaintance with grammastical analysis. The study of a elassic presupposes such knowledre of grammatical forms as to render the exercise unnecessary unless in the case of involved constructions. It is true that where the thought is mastered and its expression appreciated, the very hest opportunity is afforded of drawing attention to the rationale of Grammar (a very different thing from the grammar of the Tent-book), wat the pattering of declensions and conjugations in connection with a classic is out of pace. 'lhe same remark applies to the teaching of Latin or any other language. From first to last chassimal pupils, even at Universitigs, fritter away too much time in mere grammatical verbalisms, instead of bending their energics to the thought and form of expression. How few students see the leauties of a Virgil or have fathomed the thought of an Aesclaylus in his Prometheus or in any of his Ovesteia.
History. - This subject is also a human study. It is the study by which we learn what are the workings of man's nature as carried out in action. And here it is only necessary to add one word as whe plan to be pursued. As in other subjects, we must begin with the particulars It is in the particular actions of men as observed by the pupil himself or as related by others that he first forms his moral standard. The first stage of the subject should therefore be biography and given orally: Litely conversational sketches of ereat men camnot fail to impress and interest the young, and if we ence get the ehild interested in a great man we have taught him some history, and what is more, we have given him a valuable acquaintance for life. During this stage also interesting events may be pictured out and actual pictures used if possible. History should be to the child a series of pictures that may live in the imarimation and not a heap of facts to rot in the memory: Never mind the sefuelice of events at this stage nor the country to which they relate, provided they are fitted to rouse the imagination and appeal to the natural enthusiasm for everythins that is great and noble in humas nature.
In the formal study of the subject the event should be made to subserve as far as possible some treat purpose-the value of industry, of toleration, of earnest conviction, of perseverance, oi freedon, ete. On some such plan as this, it is possible to make the siady of History produce profound unral effects on the pupil.
The root idea of the phan I have sketched to make the course of instruction educative, and thus secure to the country the benefits which eduention shond confer, lies in giving clear and accurate perceptions from the outset. With clearness and accuracy of ideas there arises a consciousness of forcr which urges the pupil onward. No external force is needed either in the shape of punishment urprize. The mind's own inherent energies are stimulated to go forth in search of the elements of itagrowth. These it takes in :nd works into itself, and the knowledge instead of incrusting the wind and causing a collapse or breakdown becomes the expanding and energizing power of the soul, making the character stronger, nobler, more individualized, more fruitful in all that is good and besutiful. It is in this way, and this way alone, that we can ever hope to realize the grand central :deal of education, and thereby make our pupils, our people, not "dumb driven cattic, but heroes in the strife."

## B.-Report and Discussions on proposed Course of Instruction for High Schools ard High School Classes.

Principal Crocket, in presenting the Course to the Institute in the same form as last year, after reading the introductory remarks made by himself at that time, rent on to say that at Christmas 33 teachers had been corresponded with by the Secretary, and invited to give their opinions on the subject of the report. As only four Teachers responded he concluded that the 29 had no objections to offer. The objections made by the four who replied were not serious, but made against minor points. On all points the committee did not agree, though the report was the same as last year. One part of the committee wanted it to be merely a High School course and not classical, while some desired to have the supplementary course abolished. As this course was only optional, he thought it would be unfair to those who were not ready to enter the University, after having taken the regular course, to debar them from taking the supplementary course in the meantime.
Dr. Rand said this was a most important subject, and he hoped the Institute fould agree in the main on the features of a High School course. We must not saffer the gap between the Common Schools and the Universities to grow any fider, but rather seek to close it up.
Mr. Bridges said Mr. Montgomery and himself had consulted on the course, and had come to the conclusion that the twelfth year was not optional. With respect Latin, he should like to see some change. The sooner the pupil was introduced the lexicon the better. He favored merging the modern and classical course nto one High School course.
Mr . Crocket moved the adoption of the course as published in the semi-annual Sircular.
Mr. A. J. Denton seconded the motion, and asked if a certificate would be issued it the end of the 1lth grade.
Dr. Rand replied that he had contemplated the issue of certificates for each of the higher grades in schools which compete for the grant.

Mr. Chipman Bishop expressed the fear that he might be cut of because ag provision was made for the Sth grade.

Dr. Rand said the higher the better. Several schools were now working on the 9th standard without extra remuncration.

Mr. Bishop said comentry schools might be embarrassed hy the ojptional courses, and it would be better to amalgamate them.

Dr. Tand said that would be very well, but what parts should be left out?
Mr. (i. R. lankin said teachers like himself, who made the profession a lifework, had more interest in it than those who alopted it only for a few years. He wa afraid that injury would be done by laying down too strictly the conrse to be followed. Every teacher should be at liberty to follow the lines most congemal to himself. The particular books to be used shonld be leit to the option of the teacher. A system that would produce incrtia in the teacher could not prove beneficial to the pupil. With regard to classics, a great change had taken place in books. A teacher might obtain, at McMillan's, almost any classical book he required. He would move that, when a certain amount of Latin was requird, the teacher slould have the option of giving the equivalent of the amount specified. There was no reason why some other oration of Cicero, for instance, should not be substituted for the one laid down. The going over the same passages, year afte year for a lifetime, meant mental inertia for the teacher. Fix the starting point and the goal, and leave the teachers free to reach it by their own system. The tendency was to make teaching, which should afford the freest possible field io: the exercise of individuality, a system of oflicialism and routine. He strongly deprecated the establisiment of it strict routine system. He covild do an infinite deal better work if left free, and would be in a constant and chronic state of relet. lion if his hands were tied. Provision should be made for guarding against the introduction of improper books, but the utmost possible freedom should be permitted. We should guard against too much centralization, and court the expre:sion of local views. The classical course was pitched altogether too high in the lower grades. His boys were a year behind, but could make it up in the hater years of the course. He often had a class he could put over in a year whata would reguire another class to dwell on a year and a half, and he wruld sacrifie the Provincial allowance before he would advance a class more mpidl, than theie progress warranted. In the ordinary organization of schools, it would be foud dificult to rum a double course, and kecp them distincs and sejarate in the sana schools. The character of the school would be weakened ly an attempt to give ${ }^{3}$ superficial instruction in a great variety of subjects to all the pupils of a sclosil He felt that the orgavization of his own school had been "damned with fams praise" in the last report of the Board of School Trustees to the Chief Supenstendent. He would never have chosen teaching as profession if he had expected to be tied down by a cast-iron system and red tape. There was no greater dangt to the system of education tham that the teachers or the commanaty should be w of sympathy with it.

Dr. Rand said Mr. Parkin was nothing without an antagonist. He sr-msit speak as though he was opposing the Board of Education, when in realn, the Board has not uttered a word on the subject. The proposed course now untir discussion has been prepared by a committee oi this Institute, and not by the. Poard of Education. The Board had not been done justice to by Mr. Parkins remarks. They were jolly good fellows.
Mr. Parkin replied that his position was a peculiar one as his Board of Trustos had forced this course upon him, and he had been obliged to decline to accept in

Dr. Brydone Jack said there would be some difficulty in getting the people te submit to the vagaries of teachers who had the liberty of clanging books as fre quently as they liked. They would be found in a state of "constant and clronit rebelion" against the buying of books. Mr. Parkin looked at the matter wholly from the teachers' point of view. His fecling was that it would la better to amal. gamate the two courses, and he would move the adoption of the reprort with thai excepticn.
Mr: Belyea, Portland, seconded the motion.
Mr. Aiarch doubted the propricty of putting a motion of this kind, and it ris withdrawn.
Mr. Denton thought the classical course and modern courses would not clash in
most of $t l$ pupils wisl of two col the present which shal tees of the
Mr. John meet the $w$ and deman spole of es these woule high.
Mr. Coyn mating the course, cith enough. V and then wo study classi
Mr. Willi optional bef incorporatei warfare not urging so m Mr. Bisho courses and
Mr. Tirlec in the 9th gr The lower gr Mr. Fenw trienty per c assigned to $t$ Mr. Belye have the opti
Mr. March punils desirin
Mr. Belyea
Mr. MeCur the Trustees. choice. He l roquired a gre Ir. Morris schonl, and th power to estal pensable porti portion of the Mr. Creed $n$ to a committe tack to-morro Mr. Denton Mr. Parkin at once ; but $t$ libe to have th that are not ab the work prese
Mr. March s Mr. Belyea Fredricton we the standard. Mr. Wilbur mittec, when it Dr. Jack said tadies.
if because orking on the ional courses,
fit out? in a lifework. ars. He was course to be ost congemad sption of the $t$ prove bene ken phace in ical book he ias repuired, int splecitect. hould not be es, year afte tarting point ystem. The ible fiell fó He strongly lo an intinite tate of relel. ${ }_{j}$ against the oould be per. $t$ the expres
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3 now unuc not by the Mr. Parkins
of Tristics o accept it ic prople to , 00 ks as fre and chronic atter wholls tere to amari. rt with tha:
, and it 103 not clash is
most of the country districts, because the modern course would be chosen, and pupils wishing to study the classies would go elsewhere. There was a great need of two courses and a great difficulty in carrying them out. He would move that the present courses be amalgamated and that the selection of the optional subjects which shall be indicated by the Board of Education, be left to the Board of Trustees of the various districts.
Mr. Joln Montgmery in seconding the amendment, said he thought it would meet the wishes of teachers, If there were two courses a boy could go to a school and demand one and refuse to enter another ; the result of this was apparent. He spoke of establishing two or three schools which might carry out the course, but these would be rivals rather than feeders of the University. The course was too high.
Mr. Coyngrayhane favored the original motion. He opposed the idea of amalgamating the two courses as impracticable. He said that under the amalgamated couse, either the classical pupil will have too much to do or the modern pupil not enough. Very few pupils would enter the High School before fifteen years of age, and then would be the time for the parents to decide whether the children were to study classics or not.
Mr. William Parlee thought we should know what subjects were to be left optional before being asked to vote for the amendment. If the two courses were incorporated and the subject matter of both contained in one, there would be a marfare not yet met with. He thought the Portland Board would be reluctant in urging so much classics at present.
Mr. Bishop said what he meant by amalgamation was the taking of one of the coarses and not taking part of both.
Mr. Firlee criticized several features of the course. Too much work was required in the 9th grade, because the pupils could not be sufficiently prepared in the lower. The lower grades were crowded everywhere, and the upper were not.
Mr. Fenwick said the standard in mathematics was too high. No more than trenty per cent. of a class, according to his experience, could complete the work assigned to the 11 th grade.
Mr. Belyea, seconded by Mr. Bishop, moved in amendment that the 'Prustees have the option of choosing cither the modern or the classical course.
Mr. March asked, in case the Trustees should choose the modern course, how pupils desiring to pursue classical stadies could do so.
Mr. Belyea said no system could be perfect.
Mr. MeCurdy would give the option of choosing the studies to the teacher, not to the Trustees. He would amalgamate the courses and give the teacher the liberty of choice. He had been teaching twenty-five years in the same place. This question required a great deal of deliberation. Too many books should not be introduced.
Mr. Morrison thought but one of the courses should be taught in the same school, and that the choice should be left to the Trustees, who might also have the Fower to establish a classical branch if they chose. His idea was that the indispensable portion of the modern course shonld be incorporated with the principal fortion of the classical, and thus one course be prescribed.
Mr. Creed moved in amendment to the amendment that the matter be referred to a committee of seven, including one or more of the old committee, to report tock to-morrow morning.
Mr. Denton wanted his amendment put to the test.
Mr. Parkin said there was too much work in the two courses to carry them on atonce; but the classical and some of the modern could be taught. He should libe to have the privilege of asking his Trustees to determine which of the studies ithat are not absolutely necessary should be taken up. His pupils were not up to the rork prescribed in the course for the 9th grade.
Mr. March said that was the experience of the Girls' High School in St. John.
Mr. Belyea felt comforted at learning that the High Schools of St. John and frednricton were in the same fix as his own-mable to bring their papils up to the standard.
Mr. Wilbur thought the proper course would be to refer the subject to a com-- mittec when it might he brought to a focus in the shortest time. ${ }^{-1}$. Dr. Jack said the teacher, not the Trustecs, should make the selection of optional fadies.

Mr. Gaunce said if it were true, as had been stated, that the teacher was four. fifths of the School Board, it would nake no difference.

Mr. Wilbur said the Institute reporter last year had eried in making him say that he was four-ifths of the Moncton School Board. He had not said it. Fancy his claiming so much dignity! The thing was absurd. He had said that, in certain contingencies, he would constitute himself four-fiths of the Board and refuse to do certain things.

The amendmerit to the amendment being put, it was carried by a large maje ity of those present.

## C.-Discussion: "The Co-operation of Parents, Trestees and the Cimmumity essential to the fulleat sutccesis of the Tectecher's ucork."

Mr. Parkin opened the discussion. He considered that the influence of parents was an important factor in the intellectual development of children, and it was to the interest of a community to give the teachers its fullest sympathy. He strongly urged the teachers to set for themselves the highest standard; and held that $n_{0}$ teacher knew the true joys of his work who had not felt he had touched that inner spyring of the boy's heart which lifts him to the true dignity of manhood. Speas. ing of the importance of securing the sympathy of the parents, Mr. Parkin remarked that pupils are with the teacher only for a short time in comparison with the time they were under the parents' influence. Their intellectual progress depended on home influences quite as much as on either their own ability or that of the teacher. He believed that nothing could assist a teacher's work more than securing the co-operation of parents, as few pupils, no matter how obstinate, would withstand the united wishes of parents and teacher. Referring to the influence of the community, he said one effect of our system had been to diminish local interes, in School work. He said a great revolution had taken place in our Schools a fen years ago, and he feared the natural reaction. That illiterate men were often successful was incident to the condition of a new country; but the fact tended to depreciate education. It became every community to bring all pressure to bear to aid educational work. It was a great stimulus to him, when he began to teach, to feel that his bread and butter depended upon making his work effectively accept. able to parents. Now, however, if a teacher satisfies the Trustees, he is in as good a position, financially speaking, as if he satisfies the whole community. The od stimums was not pleasant, but it, was healthy, as it made the teacher do his duty. It was an all-important thing, however, for all teachers to make the most thej could out of the sympathies of the whole people, and it was equally to the people; interest to do all they could in supporting the teachers' work. Much depended os the Trustecs. He had found that even in those country districts where it ras impossible to always get educated Trustees, if men of soumd common sense ren chosen, they exerted a good influence over the Schools.

The teacher should be a central figure in every community. His office was nis second to that of the clergyman. The work was compared to the sculptors. Fe must act upon the community and the home. In some homes he would find strong sympathy with him in his work. Discipline was made easy by consuling parents and taking them into one's confidence. The teacher should endeavor tw draw the sympathies of clergymen and other educated men with him in his work He should cultivate sympathy by getting trustees and others to visit the Schou, and submitting his work to them. Comparatively limited numbers of men cos timued long in the teaching profession an account of want of remuneration. If $m$ were crer to have a high class of teachers we must have greater reward. Tenchen, he said, were like soldiers, they looked forward to the marshal's baton, and not a the men who fell in the ditch. St. John, he considered, would find it to ta advantage to remunerate her highest teachers liberally, and thus rase the toned the whole teaching staff. After all, public sympathy was the great bulwark upa which we were to found any educational progress to which we might aspire. $k$-Mr. Sievewright, who followed, held that the teachers, to carry the community with them, must show a living earnestness in their work. The true step to b taken to attain this end was to get the interest of the little ones and that of the parents would naturplly follow. He advocated the payment of more liberal salariat in order to get the most cficient workers.

Mr. Wa as high or should be barmoniou Mr. Cre the subject parents, te by teacher: those from rould the rested on parents by in their wo pathy of $t l$ did not hav and in othe while unfit
Mr. Croc thought it s now taken denied the now are jus law. This carry out tl Mir. Park the matter he only had
Mr. Pishc stimulus th teachers.
Dr. Jack
Mr. Creed ; parents gent

The nineteen ledre, instead monarchical al the ciucation ( limer it is the fendency of th that the voter d the day. Tr comand, but wrierlying pris we belicuc its 1 taxtment of a Compulsory 1 them an cleme seruments in if: tractment are 1 lst As a farperple by impr. Ird. As an c smount of taxa th has been late toc has no mun Grat White, 1 Census-the bee Public Schools. Ifthese conclus fetiable. Let u espreates the : If 50 nas taken, fiet prefatory is cribibits of liass

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$\because$ of parents ad it was to He strongly eld that no 1 that inner лd. Speab. Mr. Parkin larison with al progreas ility or that i more than mate, would influence ol veal inters' chools a fer :e often suic: $t$ tended to e to bear to an to teach vely accept. is in as gocal y. The od do his duty. e most the the preopliti lepended $\omega^{2}$ Hhere it wro a sense reen
ffice was sit lptor's. He sould find y consulitis endeazor to in his work ; the School, of men $\mathrm{c}=$ tion. Ii ma - Tencherar 1, and not: sd it to ta c the toned ulwark upa ıspire. e communt $e \operatorname{step}$ to b al that of to beral salaris

Mr. Wathen, of St. Stephen, dwelt on the high standard required for teachers, as high or higher than that of any other profession. He held that no teacher should be a specialist ; he should be a man (a voice-"or a woman"-laughter) barmoniously developed in his whole educational being.
Mr. Creed said he lad hoped that, in view of the character and importance of the subject under discussion, there would be at this session a full attendance of parents, teachers, trustees, and the general public. There was little to be gained by teachers talking on this matter among themseives only; it was necessary that those from whom they desired encouragement should hear the discussions. How mould the teachers best obtain the desired co-operation? he asked; and said it rested on themselves. They would not gain the sympathy of the trustees and parents by talk, but only by being worthy of it. Good teacliers, with their hearts in their work, who carried their Schools always with them, already had the sympathy of their pupils and to a great extent that of the community. Those who did hot have it, and who were not so successful, owed it to themselves, sometimes, and in other cases to the low standard set by those who entered the profession while unfit for the duties, for the sake of the small emolument to be derived.
Mr. Crocket expressed his pleasure at the enthusiasm of the speakers, but thought it sometimes carried them too far. Mr. Parkin had stated that the interest noir taken by teachers was not as great as under the old system. He (Crocket) denied the correctness of this. From his experience he could say that the teachers now are just as interested in their work as any whom he knew before the present law. This law was based on a more universal faith in the fidelity of teachers to carry out their work than before, when responsible to parents.
hir. Parkin thought he had been misunderstood by the last speaker in regard to the matter of lack of interest. Mr. Parkin said he had not put it so strongly ; he ouly had referred to a few exceptional cases.
Mr. Bishop endorsed some of the sentiments that had been uttered as to the stimulus that should be given to teachers; and referred likewise to the pay of teachers.
Dr. Jack expressed his pleasure at the addresses of the teachers and joined with Wr. Creed in regretting that Mr. Parkin's address could not reach trustees and parents generally.

> D.-Paper by A. J. Denton, A. B., Principal of the Grammar School, Shediac.

## Compllsory attendance at School-Is it Adyisable and Practicable?

The nineteenth century is pre-eminently characterized by intellectual activity and progress. Linowledee, instead of might and the sword, i- becomint the controlling power over nations. Not only Eronarchical amd democratic states hut e, a desputic rovernments are begming to recognize that be education of the people is the foundation of all true national stability and prosperity. 'To the temer it is their palladim. The possession of the balloibos be the people and the consequent deFendency of the government on the voice of the majority, cmphatically and in trumpet tones demand that the voter lee competent to understand and intelligeatly decide upon, the nomentous questions d the day. The stability of a govermment depends not on the number of bayoncts which it has at command, but on the number of its subjects who gield voluntary submission to the laws. On these furderying principles, the superstructure of nur excellent Free School system has been reared; but rebelicec its provisions will mot be enjoyed in their fullest extent, nor its aims realized metil the thactment of a compulsory school law:
Compulsory Education implies that the State compels the parents or guardians of children to give them an elementary cducation, and hence is cducation acpuirch by command of the State. The syuments in favour of a compulsory law for siew Erunswick, and the advantages arising from its eraxtment are many and weighty: A law of this nature should be passed :-
Ith As a far-reaching and comprehensive means of adding to the sums total of the happiness of the fesple by improving their moml, social, and intellectual condition.
and. As an efficarimas and a powerful arency for the prevention of crime, thereby lessening the smount of taxation and increasing mational prosperity. This argument may necd some claboration. It has been lately asserted with great persistency and apparent sincerity that jgnorance as an origiuaGo has no monectimn with tice. The chief supporter of this assertion in recent times, is lichard Grant White. who hy Lalintr statistics admitted ly Gen. Francis Walher, Superintendent of the Census-the best authority- to be wholly umrelialuc, has sourght to throw discredit and odium on the Trbbic Schools. Mr. White has tiken the Census Rephert of is60 from which to draw his conclusions. lif these conclusinus are to have the least particle of weight, that reprort ought to be thorough and Etiable Let us hear the whole truth: "In the preface wo the compendium of lisio, Gen. Walker eppreates the dibizeulties incilent to the defective statute of 1850 , bi virtue of which the census of 1sen was taken, and explains the inconsistencies presented by the tables of 1800 , refembic to inplerfet prefatory legishation. He illustrates this statement by pointing to the errors in the conparative zubits of liassichusetis and Connecticut on the question of pauperism, and assures the reader that
the retums respecting the element of crime are even less trustworthy; and of his own tables, these of 1sio, he siys, 'la the opinion of the supermitendent of the census no use of these figures for the purpose of eomparison between states and sections is justifable. unless reference is had to the fe marks beneath the tables;' and in the census report proper of 1 bio, he says, 'it was the want of miformaty of construction, in comncetion with manifest looseness in the collection of materials which vielded stich mpossible and altorether irrational results.'" What confidence, then, can bo plaed in the conclusions of Mr. White, when they are based upon statisties so utterly worthless for has purposes: I have thus shown that his conclusions are entirely untrue. On the wher hand fdwan
 shows by unimpeachable statistics that " the proportion of crimmals tutally ignorant varies in the different conntries of lintope from 35 to $95 /$, and that ignorance anong criminals is the rule, and cducation the exception."
In the United States, " the totally ignomant convicts, as shown by thuse has ine nu education, ate 22. The totally ignorme convicts and very ignorant 25.. The very deficient, including these, and a large share of those who can read and write $50 \%$. These proportions are, in regard to the isnumat, much below those of Europe; and the ought to be, for it is beyond doubt, that eacept the negroes of the South, the mass of the people of the Cinted States are much hetter educated than in Europe This is especially the case in New England, New York, and the central States of the Northuest. Bat in either case the general fact is shown beyond doubt or controversy, that ig:orance is one great catuse of erme, and that in elevating the education of society, both religious and intellectual, 4 e advance the interests of socrety by dminishing crime. Just so far, therefore, as suciety neylects b educate the people, just so fai does it prepare the crime which the eriminal commits." "Takin; the returns of the census of 1570 , in commection with the above tables (which he had prepared) if appears that in the Midule states the proportion of illiterate criminals is eight-fold the proportiond illiterate people ; in the Central West, thirteen-fold ; in the West and Pacific States it is ten-fuld. In the South it is only three-fold, but this is caused by the ereat mass oi colored people, who make up a lare proportion of the whole people, and being nine-tenths of them wholly ignorant furnish the great mass of crimimals." The conclustons at which Dr. Mansfieh arrises are, "First. That one-third of all crimmins are totally uneducated, and four-fifths are imactically uneducated" " Second: That the proportion of crimmals from the illiterate classes is at least ten-fuld as greate the proportion from those havings some edncation."
In this comection let us obserw whom a compulsory law will, and whom it will not affect. it will not in any way merfere with the combuct of the walthy-those who pay the harger portion the tines. Neathe will at intertere with the conduct of those who now educate their cinildren. The classes whom it will most madeally affect, are the poor and the ignorant; for it is wrill known and is proved by wimat has been wratien above that the absentecs from school mainly helone to the classes. But ignorance is not the only cause of crime. Want of employment and of the necessarin oi hie are twin sisters to monorance in this uncomels family. "Elucation is power," the grat siz. nifieance and truth of which maxim is by no means sulequately apprehended by the multitude. Aod education and power are in duect ration-the greater the dacation, the ereater the power. He who has recened a good common school education, is in a far better position to find employnent and to secure a competeney than the uneducated. The mind which has been trained in the schobroom, to contmuous effort and application, carries that habit of activity into the conflict of iiie Now it may be regardealas a fundanental prinempe, that the wealth of any country, taken in its widest sense, does not depend pranarity nyon its soil, climate, the productions of its mines, its commew, or its manuiactures, but upon the character of its inhabitants. Homace Grecley makes tins statement:-"But though industry is mainly selfish in its impulses, it is beneficent, and eve moral, in its habitua! in.fluences and results. Closely scan any community and vun will trace is reprobates and criminals back to homes and hatunte of youthitil idleness.

Full as ury worl: is of misdirection, mismamagement, and wate of fll kinds, the mest gignntic of its materal calamities are these two:-1. Lack of industrial traming on the part of at least twenty five per ceni of its boys, and finty to seventy-five ier cent. of its girls; 2 . (In good part consecuent on the former) Lack of employment for those who should be, and most of then would be, at work, if work were proffered them. Though we have perhaps as slight a proportion of habitual, chronic idlers as ant other people, yet our loss from idleness alone, (very much of it involuntary) must amome to lun dreds of millions of dollars per annum,-far more than our aremge ammal losses by flood and fre, by frost and drought, by storm and wreck, and by every other description of physical calamity. And idleness is tow often an hereditary disease; the vagramt or strolling beggar of our age perpetuating and increasing his kind in the varants and bergars of the nent. Two theds of our mas and ever moreasints army of felons, is recruted from the ranks of those bred to idleness and unismiliar with any department of productace labor. Among the most urgent of our needs is that d industrial education for all."
I shall quote asmin in order that no theorizing may be indulyed in, but that pain, hard facts nay have their due weight. In reply to Gen. Eatom, A. J Mundella, Hinister of bducation, Englan, who employed from three to four thousand workmen, says:-"I woud say that an educated man invariably acquires a knowledre of his work with greater faciaty, and executes it with less cost ot Supervisim, than an meducated man. The mere ruliments ido not rank high. If a man eas barely read and write, he has not attaned to much. In my opinim, a bouth camot be too hight educated for busincss purposes. I believe there can be no greater mistake than the old and comage error, that at boy may be mave above his busimes by education. My experience of workmen is, that the better a main is chlneated and the greater tho intellectual resurces ine possesses, the less le is disposed to any kind of inteniperance or excess." In a word, a compuhory law by reathing those classes which furnish the freater part of cur crominals and which are ever perpetuatine them, aris by ameliorating the condition of these classes in a wonderinl derree, dries up the chief soures a crime, pauperism, idleness and excess, diminishes watation and mereases individual and nationd prosperity This mesend argument illustmates and substantiates my first.
3ril In order the better to secure the stability, well-beinar ani advancement of the state thmot the ballot box. We often hear of politeal corruption in higin phaces, of the venality of representa

[^7]thes. The Ev (1hail almust Hat winch the (an mimatie th ten mell are ab mudh beliesed dicta of the fer maticicly all t is every quest ncir wite, the htor be drivel resile a Com phed, be brot ynt as well as purity of the $b:$ Here it may Elimul. The S (f) pratection in surendered th tate. The cil bze cory distim wo wermments point all the a Guvernment $t_{1}$ arniunity. I nunt effectual aha is by nom admisible on 1 cenents and 1 should acyuire (if abtaining fol children thems suffer serious! It is thereiore : ghim of givin th. Since t\} child is a mer: sciety confers. coll an advant sceitet: than th or muardian hat semety. He st Sth. Because atove that "th of protection is to cach indivii sxiety and con irasmuch as $h$ entirels helples reles interien rirtue of its ea the ser! princi tringing to ca May there ever and equalite:;
6th. As the are infriuscel c almust eicryst work, yet the suming up in tdee in such) treblizence, pan dren are receiv of thints will r Schel haw. I Commun Schor hate you not And yet althou goudo: lion after thei) rlsh other comitrie provis it to be ith As ame sreater evil to hank, the loss centon and to this truth in yt selcal Sehools enrolled atten cnrolled attem
brity of atient
thes. The Evanyelical Alliance puts on its programme, "Prayer for morality among politicians." (llad almost sail "Pray er for political morality," but that would be ambiguous). Why pray ior that which the people chuose not to have. The voters make corrupt politicians and, if they chiose, an mumake them. But is long as hman mature exists as it is; as long as only a comparatively ean men are able to understand and intelligentls decide upon the momentoms questions oi the das, mally helieved, and said, to be settled at the poills; and as long as thousands must depend upon the dicta of the few and be gruided by them, so long will there be corrupt politicians. Not until comfaraticly all the voters are able to comprehend, from a national stand point, the import and beariner is every yuestion submitted for their approval or disapproval, and have been educated to reard mir sute, their birthright, not to be sold for a mere mess of pottafe, "ill corrupt and selfish legisbitos be driven from our halls. Let morality be tamght to every child in our country, let the youth revire a Common School education, so that they may not, by any of the many artifices now emphod, be brought into subjection by designing politicians, let them be educated so that an intelliynt as well as a free and fill vote niay be given; then will a great advance be made towards the purity of the ballot boo. Let the voters be pure and their representatives must be pure.
Here it may be well briefly to discuss whether Govermment has the right to compel attendance at Slloul. The state has an existence throurh powers, delegated to it by the people, in consideration dprotection in the enjuy ment of those riohts not transferred. On the mo hand the individual has surfadered those rights and powers which are necessary to the well-bcing and prosperity of the state. The celucation of its citizens is acknowleded to be absolutely necessary: Lord diacaulay bai bery distinctly enunciated this principle: "But the sery narrowest sphere that ever was assigned wgouermments by any school of pulitical philusophy is quite wide enourh for my purposes. On one pint all the disputants are agreed. They unamimons acknowledge that it is the duty of every Gusernment to take order for giving security to the persons and property of the members of the onnmunt. This being admitted, can it be denied that the education of the common people is a nute effectual means of securing cur persons and property"." Now a word from Johm stuart Sill, ala is br no means partinl to grosermmental control : "Education is one of those thines which it is aduisible on principle that a Govermment should provide for the st.te. There are cert:in primary denents and means of knowledge which it is in the highest derrec desirable that all human beings shald acequire during childhoud. If their parents, ar those on whom they depend, have the gower diobtaning for them instruction and fail to do it, they commit a double breach of duty towards the children themselves, and twarals the members of the conmunity generally, who are all liable to sfffer seriousls from the consequentes of igmonace and want of education in their fellow eitizens. It is thereiore an allowable caercise of the pwers of Goverment to impose on parents the legal obligation of giving elementary instruction to children."
sth. Since the child has rights of which jarents or gua:dians should not deprive him. Every child is a member of socicty, and as such, is entitled to all the advantages and privileges which sciety confers. There cam be no geeater advantage to each member than an education. It is not onl an adrantage; it is a necessity. I can scarcely conceive of a greater injury to any member of skitet than the deprivation of education. When, therefore, this deprivation takes place, the parent of mardian has committed a crime of a two-fold chameter a erime agrainst his child, and against swety. He should therefore be punished as any other criminat.
sth. Because the securing of this right is a saered oblization resting on the state. I have stated dine that "the state has an existence throurh powers delemated to it bs the people in consideration of protection in the enjoyment of those rights not transferred." This protection must be secured to each individual or the state has failed to perform its obligations. The child is a member of sxiet! and consequentl! can justl; demand that his rirdits be jealonsly guarded by the state. And, irasmuch as he does not know, hor appreciate his rights, and is unab?e to exact them in fact is entirel helpless in so far as obtaining an education is concerned when parental athority or neglicene interienes therefore the state is bound and impelled by ever: sentiment of humanity, by rirtu of its exalted office of the protector of the injured and the panisher of the wrong-doer, by the ery principles which underic its constitution, to the faithinh an' wise disclarge of the duty of Lringing to each child the priceless blessing of knowledge. The state is the fountain of justice. Hey there ever flow from it, alike to rich and poor, to parent and child, the erand streans of freciom and equalite; regulatiner and making more harmonious cuery relation of life!
bith. As the only effectual means of securing to cach child his rights. We know that these rights are infrinsel every day and in thousands of cases. Although the School-house has been built in sunst every section, aithourh its doors stand invitinoly open and the teacher is enthusiastic in his wosk, get the stubborn and unwelcome fact 1 emains, that many chiddren in New Brunswick are soming up in totall ignornnce, that many more are receiving such an insignificant amonnt of knowltdge in such a desultory manmer that it is a caricature apon education. Through the culpable refigence, parsimony, ignomance, or stupidity of the parents of thousands of children, these childrenare receiving no education adequate for the present or for future times. And this condition of thins will remain; the evil perpetuates itself. There is no hope in ams thing save in a compulsory Schod haw. I appeal to the teachers laere befure me to say whether their best efforts to give a fair Common School education to many of those who are placed under their cure have not been baulked. Hate bou not seen them slippints away berond your control through a thousand petty exeuses? And yet although you loved them and saw them losing the choicest treasure of youth, whai could yed doy lou were powerless. But what of those never placed there? Shall there be no one to look ater thei rlghts. Is there, then, no necessity for a conpulsory law? The existence of this law in olher comintries famed for their leaming testifies to its necessity, and the successful operation of it provis it to be effectual.
ith. As a means of increasing regularity of attendance. No greater hindrance to the Teacher, no Frater evil to the School than irregular attendance, crists. The teachers work is rendered doubly hanl, the loss to the absentecs is ereat and to the rerular pupil almost as sreat, the loss to cach setion and to the Province in labor and mones is something fearful. Let the following figures fix this truth in your minds- the per centaye of pupils daily present on an averase durins the perind the sencal Schools were in session, was, for this lrovince for the year 18s0, 5i, 41;i. $a$. the children enroled attended School a little more than one half of the time. To change all this and cause regubrity of attendance to beeme a habit and the rule instead of the cexception will be conferring on the

Provinee an incetimable boon. This can be done by requiring pupils regularly to attend a certan length of time every year up to a certain are.
Sth. In order to do justice to the Teacher. At the present time he is required to make brick without straw. Take away from the mind-artificer the material on which he works; can he acousplish anything? Cin he produce a symmetrical and disciplined mind? No.

9th. In order to realize fully the aim of the Public School System-the impartation of a Common Schnol education to crery child. What that education is, has been admiably set forth by Dr Rand our Chicf Superintendent, in his last repurt. How to render this education possible to the greateit number and at the least expenditure of means is the aim of this paper to show. It is clained, and rightly, by the heaviest tax-payers that those, for whom the Free Schools were especially desimued are unt receiving and do not scem to appreciate, in their widest scope, the advantares of the fre Schools It is justly clamed that a fearful waste of mones and energy roes on from year to year Finally we should, by a thoughtful and statesmanlike outlook, be preparing our country to recerse that large and ever increasing inflex of foreigners composed largely of the ignorant and discuntentat from England, Ireland, Germany and other continental nations, bringing with them hatred twand the Govermme $t$ under which they have lived, whether it were aristocratical as in Great Britan, or despotie as in Russia, who have been weighed down by overpowering competition, and whose per sonal liberty has heen sadly curtailed, bringing with them unrest and hatred towards eapital and evisting institutions. What shall teach them the great principle of self-govermment? What shal prevent such social upheavals in this, the New World, as we have lately witnessed and are witnessmin the old? Already sucialism and its kindred evils are rife in such large cities as Nen Yurh an Philadelphia. Education - the power to think, to weigh, to decide, to act according to right reason, is the only power that can do it. This power can only be fully and effectually attained in properly on ducted Common Schools. The pulpit cannot of itseif provide this instruction for all of its appealsmus rest on the work of the School. The press cannot, for it, likewise, rests on the same support. The School System of America is on triah. The successful working of out political institutions, and more especially those of our southern neighbors, depends upon the intelligence and patriotism of the citizens. In the meantime let us see to it that no leakage exists, no hole in the dyke, tirough which the oncoming flood may find entrance. It, however, seems to me that the neglect of eduction by so many and the absence of a compulsory law is a serious leakage and threatens danger to the state. A foreign element, uneducated for the most parl, is pouring upon our shores, streanims through our land and finding its resting place in our Province, but more especially in the far west Tu assimilate this element into the genexal body and teach it the grand principle of seffogoverment is a very important part of the great work of the Free Schools.
II. 'To the enquiry, "Is compulsury education practicable?" I have this answer to rive: There are grave diffeultics in the way of successfully carryint out a compulsory School law. The indifer. ence of Schoul officers, the fecling that the measure is despotic and is opposed to the free spirit d the English race are the principal. But "enterprises of great pith and moment" must contend against difficultie Honeser, I am of the upinion that such a lan is practivable. In culfirm ation of which opinion, I shall appeal to history, and, if it can be shown that a compulsory ha has been suceessfully carried out in only one instance, under circumstances similar to our own, m8 object will be accomplished. But I do not rest content with only one instance. Let me first ate
 of their children in music and gr munstics, and exchating a man from supporting his father in wd ase, if the latter had neglected to have him instructed in some profitable trade. In Sparta the state assumed complete control of the boys at the are of seven. The Roman child suffered no state control We cun eisily see the reason why glorious Grecue required all her children to be educated somennah for ?! was essentially demountic, while Rome was first a monarchy, socondly a republac in what the franchise was limited to a few, but in which eventually the unbrided passions of demagorus and the proletariate paved the way to complete and disastrous overthrow; and thirdly an enpire ruled is the sword. But passing rapidly onward down the centuries of time, we come to Germany, in the siisteenth century, that era of moral and intellectual resurection, when we find, that the state shonld compel its suljects to send their children to Schuol, enunciated by sume of the wisest and bost men of the times. From that time onward the iden gathered strength, until Prussia in 1730 enactad a compulsory School latw. Other German states soon followed the example of Prussia-the last, Bavarin, juining the sisterhoud int 1s02. Whe dunbts the pre-eminence of German seholarship, today, And what hat given her the commanding position anmeng the nations of the continent? There an be but one answer. Amid all the anarchy of the Napoleonic wars and revolutions and disturbanoa of later times, no cffort has been made to cuerthrow or lessen the stringency of the law. That Prussias vichers uver Austria was pussible because of the superior intelligence of her solders, Austra, aiter Sadowa's bloody field, hastily acknowledged by enacting a stringent compulsory law similar th that of Prussia. So, too, France after her memurable defeats at Sedan and Paris, fullowed Austrisis evample In 1872 only $5.2 .2 \%$ of the French people could read and write. What does this shon! That the cducetion of every chiid is one of the strongest safeguards in a time of danger, and that an educated army is the beot army, leamarh, Switzerland, Suandmasia, Greece, Turkey, Purtugal and Slain hate compulsury lans In the furner, strongest provisions are in furce fur the currying ut of the law. As it consequence, Demmark has attained a foremost position among educated nations; while in some of the other comentres the law is not carried out, and, in consequence, a small propor. tion of the population is at sehool. Imorane, viec, and crine abound.
 and practice. In Eneshand compulsory calucation is under the control of Lual School Buards. The eities, such as Manchester, Liverpool, Oxford and London have adopted the provisions of the lar. In fact, accordner to the recent report of the Ninister of Education, nineteen-twenticths of the inhabitints of Englond and Wales have voluntary adopted the law: A most striting advance in
 place. Thus in conservative old kimphand a compulsory School law is being vigorously carricd out.

Commecticut took the lead among the New England colonies by enacting an efficient compulsory $13 \pi$ in 1650. This law was well enforeed, and, as a result, Comnectucut ranked first in regard to the hum ber of pupils at Schoul incording to the fopmation, and in regard to the generai intelligence of her people. Attendancu at School became a haljit, and, in great measure, lost its compulsury chamice

But when a forcis changed condition rels the attend:an trevar. Other poner to pass reg we New Hamp o:her states have the different state Where the laws te enact a compu these penaltes, is reneficent benefit portance on accou brough muprovid tallyence of her to Canada, tor conmunity, as a un national prosp rable degree, the poor, thus streng ext plan for sec School system, ac
B.-Disctusion

The resolutio Dr. Rand sa localities migh sear. The St. IIr. Crocket eniy primary $S$ Mr. D. Morı the Trustees, or but few, we a damaging eff If the Board fi the Teachers.
Mr. Sievewr think, because ing the scloool present during in this matter, The Chief St liar to the coun in the city of mish to see the the pupils. H to a conclusion overcome the Mr. Wilbur places, but in three miles to year, and was haps with bare The Chief S but to those or to begin school at a stated ti could be no su: Mr. Crocket all primary Sc Ifr. Wilbur riously debarr Mr. Mullin,

But when a foreign element was added in the nineteenth century, the law was amended to meet the changed condition of affairs and render it more effective. The present law of Massachusetts compelis the attendance of every child between the ages of cight and fourteen, at least twenty weeks in the yan. Other stringent regulations in regard to factorics, exist. In Daine, the towns have the poner to pass regulations chforeing the attendance of children between six and seventem years of上e New Hampshire, New York, California, Illinois, New Jersey, Nevada, Michigan, Texas, and o:ber states have compulsory laws requiring ehildren from eight to fourteen, (the ages vary ing in the different states) to attend School from twelve to sixteen weeks in each year.
Where the laws have proved a failure, the case lay in their inefliciency to enforce attendance. ?ceact a compulsory law, without attaching penaltices to its violation and taking means to inflict those penalties, is of no avail. In those countries where proper enactments have been made, most benefent benefits have followed and will follow. To Great Britain, the law is of paramount insportance on account of over population, consequent on the enormous increase of the pourer classes brough mprovident and early marriages. The safety of the United States depends upon the infellygence of her cit uns, and the more general that intelligence the greater her safety. In regard to Canda, to $\quad$ principle holds good. In justice to the reacher, to the child and to the onnmunity, as a pe at agency for the prevention of crime and want, as a most important factor on natonal prosperity by diminishing taxation on account of crime, by increasing, in an immeasurabe degree, the productive capacity of thousands, by increasing the intelligence of the numerous poor, thus strengthening the motive of prudence and diminishing intemperance and vice, as the (ast plan for securing regularity of attendance and the fulfiment of the design of the common School system, a compulsory School law is demanded in New Brunswick.

## B.-Discussion on Resolution relating to the Enrolnent of Pupils for entrance upon the First Standard of the Course.

The resolution prepared by the committee having been read-
Dr. Rand said this was a matter with which the Board of Trustees in different localities might deal. The Trustees of Fredericton admitted children but once a year. The St. Stephen Board had a somewhat similar regulation.
Ir. Crocket enquired why the resolution did not embrace all Schools and not cniy primary Schools:
Mr. D. Morrison said that in the city pupils were admitted by permits issued by the Trustees, but it was in the country that the trouble arose. I'here no permits, or but few, were given, and scholars were constantly coming and going. This had a damaging effect on the Teacher, and diminished his usefulness to a great extent. If the Board fixed a time for admitting pupils they would confer a great benefit on the Teachers.
Mr. Sievewright said that the question was of more importance than we would think, because at the time of the examination it is expected that a scholar entering the schools two or three months previously shal! know as much as pupils present during the whole term. He believed that others suffered as well as he did in this matter, and he would like to hear their opinions.
The Chief Superintendent reminded the speakers that the diffulty was not peculiar to the country Schools, but was just as clamant in the cities and towns. Here in the city of St. John it was a difficult question to deal with. He did not mish to see the sulject discussed in the Teachers' interest, but in the interest of the pupils. He wished to see the question discussed on its merits and not forced to a conclusion. The Trustees of Fredericton and of some other large districts had orercome the difficulty.
Mr. Wilbur said it was very weli to talk of St. John, Fredericton and other places, but in the northern counties there were children who had to come two or three miles to School. The snow did not leave the ground for many months in the year, and was it fair to keep these children (who had to travel that distance perhaps with bare feet) out of the Schools?
The Chief Superintendent said it could not apply to the general mass of children, but to those only who had never been admitted to the Schools, - those who wished to begin school life for the first time. The Trustees should, of course, admit such at a stated time, and not upon any and every day in the year, otherwise there could be no suitable class assigned for them.
Mr. Crocket would like to see the resolution extended to include the children of all primary Schools.
Hr. Wilbur asked what would be done in the case of a boy of eight years, preriously debarred from attel.ding, who desired to bo admitted to School?
Mr. Mullin, Inspector, thought the resolution should be considered from the
pupils' standpoint. When a pupil enters late in the term he must undergo a ppcess of cramming to bring him up to the standard of the others. Thus more ham might be done the pupil ly admitting him in the middle of the term than by keepr ing him out.

The $C_{i}$ ief Superintendent requested the referring back of the resolution to the committe:.
Mr. Wetmore, Inspector, was decidedly opposed to any interference on partot this Institute. If the discretionary power is with the 'Trustees, why not leave the matter to them. He feared that if more regulations on this subject were made they would do more harm than good. The matter was in the power of the Trus tees to deal with; and 'leachers should use their influence with them. He hoped the resolution would be roted down.

Mr. Montgomery would not like to see a recommendation to the Board on the subject. Not much difficulty had been admittec. He thought that it should not be said the Schools were not for the convenience of the people. He ubjected to the expression in the resolution that the Teachers "frittered away" their time. When a boy came late in the term, upon his (Mr. Montgomery) explaining to the parent that he would work under great disadvantage until the next term, the parent would keip the boy away until that term. He did not favor further restriction.

Mr. D. P. Chisholm thought it undesirable to pass the resolution, and hoped it would not pass. The Teachers should use their influence with the Trustees to remedy the matter.

Mr. Creed said that the general interest should be considered and that could be best conserved by admitting pupils as unfrequently as possibly-that is once each term, or even once a year.

Mr. Denton moved that the resolution be referred back to the committee, which was carried.
$F$. Addicsies bu Profissor Wralter Smith, Staie Director of Art Ëducation in Massachusetts.

1. ON Industrial Dhawing. -(At the Folrth Session).

Prof. Smith said: When I received an invitation to come and speak to you on industrial draning felt that, thourh aceustomed to receive such invitations, this was one of peculiar interest to measa professional man and an Englishman. I felt I owed it to the fact that for years I had endeavored to understand this new clement of education. It is generally a bore to listen to a man that knows onls one subject. Put, it has some advantures. It is well that some men should be so narruw-minded as to confine themselves to one detail. No man knows the subject of education in any one detail who has not given it much study. A well informed man is one well informed on all subjects, and splendidly informed on some. I ask your indulgence while I speak as a practical teacher, for I am fresh from the class ; I bespeak your fellow-fecling for any mistakes I may make; if I can add to yar knowledge it will fulfil the purpose of my coming. I have worked in this matter of art education 33 a pioncer for the last thirty years, in the old world and in the new. I trust, therefore, you will excue me if I sometimes use the personal pronoun. It is an advantage to be old enougrit to have made mistakes, to have tried experiments, for final suceess of the hiphest character comes from that fornd mind which has an absolute inability to be discoumged. The subject of my remarks, i see, is pit down on the protramme as industrial drawing. To-day I propose to define what industrial drawing is, because it is a subject not renerally understood. If I cin define to day what it is and is not I will have done enourh. This afternoon I take a geneml survey of the whole field, historically and educ. tionally. The first question is, What is industrial drawing? 1st. As a subject of education, it is the new subject In Engrish speaking communities it was about thirty years old. As an elementary subject for common schools, it began after the Exhibition of 1851, when the want of taste of English manufactures in design was made apparent. In 1836 schools of design had been established in Ens: land, so that as a specialty of administrative education, it is fifty years old, but as a subject d elementary education, only thirty. Even now it is not universally established: I mean as a public work in public schools. I do not refer to the teaching of it in special and private schools, where it las been taurit much longer. What is it? A subject as broad!y and generally related to the indur try of a civilized people as reading, writing and arithmetic. The three famous R's have practimils been increased by this subject, making a fourth $R$. I fear yon are confused at times by the term industrial ; but so longe as drawins $i$, taught to a child as an elementary subject, it has as much relation to education as readie'o, woting and arithmetic. Drawing is the representation of form and the origimating of form. It is related to all the industries in a geneml way.

The drawing required to be taught in the public Schools is industrial drawing, not pictorial drat. ing. It has been so defined, because the accuracy of workmanship and good taste in design, which sound instruction in drawing imparts to the creators of industrial products, are of general interest and pecuniary talue in manufactures, whilst the mental babit which scientific accuracy and love of the beautiful will develop in the minds of all will be a social advantare. Expericuce has proved that the surest way of elevating public taste and improving all manufacturing industries is to educate all the people in the elements of art and science in primary Schools (primary, grammar and high), and to supplement this by instruction in technical subjects given to adults in secondary Schools (Schoo's
fart or serence, or If tursminer's, and asir producers w aricular bmathes Ebneles in a crea rowblbly there is act be some here Is a distinction. a a industrial cha ail in the choice a The drwing to b asht becuse they olestit with-solil s-ainl he had no tat diet a pryil to dra the attention of $t$ Alar manfactures isfars bufore the rims their luabket zibusiast* in art er yinomed all the ar Siment of Schuols zont aid tuall the g Nito lsal there w arenter two handre sta into a wit-shell Cdy of fureign min maiacturers were Falfort to that je sity estaldislmen Gs aule, knew noth fres that there was Find, and that their nosm besman at the Treach people to n sinned in Dechani Ebantic. The cla Fe the last step bed sethat there are no \&inn, beause they enthe day Schools it arin in that way he It uas quite clear, and the value of o t. cid to the public that teclmieal Scin bite Vational Scho Edful designs when cmentary drawing stintrial art.
Intat was the berin ** the court yard is - fitution of such wity mones the prs Far her flect to Fr curdilicult it is to e reperiodical outbre ming else is good e be bom, of course. Fibly on the sabje se durld. I bedieve He atid women, are 1 vanis the lingt. I wilue in etcrithing the Teachers of art. th tiad been unable whed not paint min: Thee jeople were nt oteol for the tminin: jeres the whole ye Ch sreat mational is it The Gover:nur rasible to teach drat Fined to sriting w: ming a lear gain. int to teach drawin dirules, the first bey Lional Schuols once wirnt his to be de ticimot draw and
tar or science, or evening drawing classes). This will give general information to the publie, who fr unsumeres, mad the germs of a feveloped taste to all, and special instiuction to the few orianimhow producers whose ocetuations require great mamual skill, or higher and farther linowled.e of untidar banches of art industry. It will also open the don wide to all those who have espectal andeles in a ereative elirection, and insure that no bulding genins be overlooked or inistirected. Frobaly there is not as much tenchiner of drawiur in this Province as in some places, but there 2at be some here who have been tanght to draw for the sake of picturemaking. IVow, I want to bria distinction. That is not industrial drawing. There is no relation between that and subjects aimbustrial chamacter: In private schools the daty of the Teacher often is to be guided by the ofil in the choice of sulbjects, which isthe arave of education.
The drwing to be tanght in the Schools jumores any one having a fift. Formerly pupils were anh beenue the were thourht to have a gift, and sum a thing as a lindseape was eriven the pupil onkeit with-something it could not do-and if the pupil failed the I eateher jumped at the conseim he had no talent. This rule would never be applied to any other subject. It was absurd to aget a pupil to draw withont having been tinught.
the attention of the luitioh Government was first called to the want of taste in the textile and ater manfactures of the country iny the manufacturers themselves in $18: 3$. They laid this state isfans hefore the Govermment, showiner that the standard of taste was so low that they were ans their mamkets. It was very shourestive that this complaint did not come from theorists, or whusiasts in art education, but from manufacturers whose capital was at stake. The Government smoned all the artists of the period, Wilkie, Haydn, Dyce and others, and they advised the estat)sment of Sehools of design. The Govermment took that advice and thetermined to arive GovernEnt aid tw all the great centres of manufacture to establish such Schools. This was done, and from aremer two humdred such Schools. But in 1851, when the industry of the world was brousht as it feinto a mut-shell there was but one opinion, that the skill and taste and attractivences shown in Eds of fureign manufactare more than componsated for their inforior material. and that English Enuiathrers were light in sa, ine they were losing the markets of the world; and we date the first eiferort th that period. At that time there weie few native designers in the important mannacEnt establishments of England. The chief men were alwitys foreigners. The English worknan, si male, knew nothing but his miscrable rule-of-thumb style of doing things. The reason given as that there was no mational eapacit; for art. It was thonght that the Sehools of design had fid, and that their fallure had proved this national incapacity. The fact was that the Schools of isem began at thee wroles end. It was like a man trying to build a house from the roof downward. tiench jeople to malie designs before they could draw was an absurdity. The same failure was Gatned in lechanies' Instithtes where mathematies were taurht to persons who knew nothing of ethatic. The elasses which at first were full soon dwindled away, becanse it was impossible to we the last step before the first had been takes. Hefore leaving this branch of the subject le: me grehat there are now not more useful institutions than Mechanies' Institutes and Schools of Art or Aint, beause they have been obliged to an back and commence by a system of mational education enthe day Schools and thus place under the buikding its foundation. Fou luve had the genius to arin in that way here.
In us quite clear, after the Exhibition of 1851, that something had to be done. Then England and the value of one of her greatest friends, one of her greatest men, the late Prince Consort. taid to the public men, "this is the weak point of your civilization." It was detrmined, first, bat mo techmieal Schouls could sueceed until pupils were prepared for them by the sthdy of drawint; bite fational Sehools. It was considered that it would be useless for monufacturers to prodite *fiul designs when there was no general public taste to be catered for: Thus they introduced lamentary drawing in the Schools. Also thes resolved that there showld be a mational muscum of Sintrial art.
That was the berimming of the great Sonth Iiencington Musemm. I suw the berimning of it drawn "the court yard in one wagon and stored in three small rooms. That wos the begiming of an - Sitution of such value that when lately an economist wanted to have it sold for the purpose of righ mone the project was ridiculed. But Emgland would no more think of selliner that than of lar her ficet to France or Pussia. The third arency was the training of Teachers. You all know bithicuit it is to establish normal Schools and how diffenit it has been to keep them up. There uepriodienl ulutbreaks arainst Normal Schools. Some people think the man who is rood for whing else is govd cmough for a Teacher. Some say Teachers are bom, not made. Well, they have be bon, of course. But they have to be made, also. I was ghad to hear one partetical man speak cibly on the subject, and that was when the Arayor said it was the most impment profescion in ke dirld. I believe the Mayor meant it, and was not merely administering taffy to tired Teachers. We and womel, are not P eachers until they have made and conrected their mistakes, and persevered watis the light. Hovenn the Teacher's office be prepared for by a grouluation it the School of bilre in everything eise? These practical English people thought the next best thing to do was to cile Teachers of art. In some of the old Schools of design they had employed painters as Teachers tishad been unable to sell their own pictures. At Birmingham ther had a miniature painter, who whd not paint miniatures; at Manchester a landscave painter; at Sheffeld a yortrait jainter. acejeople were not Teachers and so the Schools failed, nind it was determined that a Nommal atol for the training of Teachers of art should be established, and it was thoneght in time by these eemics the whule people would be permented with a love of art. The matter was thought to be of Eh sreat national importance that it was not left to local effort, but the Govermment took chargre fi it The Gover:ment eqlled to their aid the National School Teachers, and asked whether it was Nisble to teach drawing in the public Schools. They passed a resolution that if half the time - wed to writing was to be deroted to teaching drawing, the writing would be better and the Frine a tear gain. The 'reachers undertook to learn to dran, while at the same time they underminto teach drawing. It was amusing and an object of ridicule to many, but it was the infant firules, the first beginaings of it great movenent. The pupils in the Art Schools were sent to the fomal Schools once a week to draw on the black-board, for it is on the black-buard mainly that $L_{i}$ rirk hus to be done. Now there is sarcely a National School Tencher in the United Finglom timmot draw and teach drawiag. The use of the black-board in the teaching of drawing, was
discovered at that time. It is cheap, it is in the Sehool, chalk is cheap, and it is suitable fur cias instruttion. Then there was another feature intruduced. It was that the understanding of the pura must first be informed, that he must be taturht to know, to see, and to do. The principle innuid ly this class teaching is thast drawing is not a specialty, but an clement of general cducation; that it is neither art nor science, but may be tho basis of both. As to the subjects tumght and time siten it was found that one hour jer week was sufficient. The lower children were taught to draw on slates. It is useful, but two years is long enough to keep the chid at the slate. The subjects taught were (1) Free hand drawing of ornaments and objects; (2) Geometrical drawing ; (3) Object aid model drawiner

The Normal Suhools of the three Kingdoms were furnished with art teachers : evening Schook have been established-art Schuols and Schouls for mechanics and working men. The Teachers har been taurht, examined and certificated.

I now come to speak of what has been done in America. In $18 \% 0$ the State of Massachusetts resolvel that drawing should bo tiught in the public Schools, the regular teachers to do the uort I was invited over to carry it out. Formerly special Teachers had been employed to do this, whio was employing two people to do one person's work. The first thing I did was to withdraw the specis Teachers and get the ordinary Teachers to devote themselves to drawing. This has been quitese cessful. leferring to the drawings on exhibition, he said they were the work, and all the work, two Schools in a given time, the work of the geniuses, the stupid, and the medium. They includes dawng from memory, enlarging from copies, and time drawimgs. The greatest difficulty that the Teachers of this generation have to encounter is want of faith. They have not, as a rule, bee taught in their youth, but have taken up the subject after reaching manhood or womanhood. Thes becone discouraged and impatient because they do not succeed better. You find it is irksome and you conclude you have no talent and that you chnnot succeed, and, when you come to teach, atd the children make mistakes you think it is all your fault. This is very matural, for ambitious jeuph are cosily dissatisfied with themselves. Why not apply the same rules of development in this study as in others? If a chid makes a poor drawing why should it be so distressing: Teachers sumne the mistakes of their pupils in other exercises, and why not in this? All good hard wood is made by very slow growth and so all things in this world that are intended to endure are produced slorly, Geniuses are rare, and if you want to know a first rate, madulterated musance, get introduced to frenius. Nature makes a genius once in a while, and then takes a rest and makes an idiot. Both are about equally useless. We can't prevent their coming, and all we can do is to be kind to theo and enlure them. I must plead for the slow children. He said he had been a Teacher all his lite, and had ten children of his own, and if this did not entitle him to speak for the children, wha would: The average child is slow to learn, and it is with the average child that the Teacher mas deal. Be patient with the slow child, and don't take the responsibility if he learns slowly. There is a certain amount of individuality in children, that ought not to be crushed out of them. A chid has the inherent right to be as stupid as he will. The Teacher who tries to level up his dull pupils and pull down his brilliant ones, all to the bame plane, does not know his business. The best result can not be obtained by giving too much instruction. The child should have the right, if it doent know any thing, to show that it doesn't. There ought to be nany lessons in drawing which yo should not correct, for the child should have the opportunity to correct its own work. In regard b the use of mechanical help in drawing, authorities differ greatly. Industrial drawing is not merty $\mathbf{p}_{2}$ ture-making (although it includes it), but also includes drawing ships, machinery, survering plane geometry. All these last are done by instruments. That is the mechanical side; the other is the pictorial side. Industrial drawing, therefore, consists of two parts-instrumental and scientife, and free-hand. Good industrial art includes the scientific and the use of instruments. Any scherit of industrial drawing which is not scientific and capable of being applied to mechanical design is ot industrial. But the beautiful is also equally necessary. Mechanical help should be usecu when thert are elements in the drawing which cannot be attained accurately by free-hand. But when skill in free-hand drawing will suffice nechanical aid should not be used. [The Professor here produced a large book of elementary drawings and explained his order of teaching in the elementary grades I look on drawing as the expression not of skill but of the understanding and intelligence. Drakng is not to be taught as a trick but as the expression of a thought. The beautiful picture exists in the brain before it gets on to canvas The place to correct a wrong drawing is not on the paper but in the brain. Remember that you are teaching the children to draw, not to make drawings. When the pupil's work grows valuable, and shows signs of originality, it is time for him to leave his Teacher and depend wholly on nature. The Teacher who fecls that the destruction of all the drawings in tis School would be any loss to the world has been wandering about in the wilderness. The objecti not to produce a material thing, but that which is to keep the individual safe in after life. The hasd is not skilled except so far as it is the servant of the brain. "Ear for music" and "eje for form" are idiotic expressions. If you have an eye for allything you have an cye for form.
Specialists are not necessary and ought to have no place in public schools. Keep them out, ist no child is capable of recciving more instruction than can be given to it by an intelligent manof woman who teaches it all the time.

Rules are very good things unless you make gods of them and think of nothing else Itras actually asked me by a teacher: would you let a child use India rubber? This implied the belid that there were beings running at large, unrestrained, incapable of making a mistake. It is $n$. education, but barbarism, to prevent a child from correcting its mistakes. It is inluman, and without eventhe merit of being successful.

## 2. On Industrial Draming.-(At the Sixth Segsion).

Prof. Smith, in continuation of his first address, procecded to speak of the question of oral instras tion vis. text-books, on which there were high authorities on both sides. The truth, he thought, lis between the two. He believed both in the living teacher and the text-book; the latter is like a sword with which to defend what has been already gained. It is well to make use of the experiest of others. Applying this to drawing, some thought that the teaching should be wholly from objets
wi? not from flat the gooll of both ing relies wholly instruction by th Drawint is int tute by practice domaments at rendth and thit mg, memory and trit to take upl fr kitters, the curve betweell symmet be would not bo gmmetrical. A blanced on opp Eetry is the bala trated on any se prtion was attai ane shape and rewing are esse Uackboard by a s for definitions, he ther meant. He He unged the cult wacher, before th to be drawn by th wher chose, the iffence betwee baring it is usef ht in the underst hing to do with Drawing from d monmended it a sil taught
He then passed oumber of mode hurres. It was th emuse it involy djects such as ar mis not what the nes of square ol Cannot I believe tor to draw-in soling at recedin le bepinner, and parerging. In E sercises at the sa mpection. He re \}3n7l were incorr te bottom of the whas at the chair, s the most import are and out of p he gave illustrat roms in the lem tell. All objects erpendicular to th od many years te xtrical, from ever tee long axis of th ustrated how a The blackboard rad. A drawing wexcuse in teache tablackboard wro at then proceeded tring to invent wiotheir armnger aring and design - questions that Eculty of drawing rerely; and said t atter in that positi aded the greatest fi Prol. Smith then - 31 of interest, bu froducing the ill
; suitable fur cirs allditys of the ?ur winciple imusa al culucation; ths iht and timo rilen aught to dmw os lhe subjects taugt sis ; (3) Object and
; evening Schows The Tenchers has
: of Maskachusets rs to do the nort I to do this, whisu ithdraw the specid las been quite sze nd all the work, of m. They includet difficulty that the ot, as a rule, berd omanhood. Thes $l$ it is irksome and ome to teach, 351 : ambitious peoph ment in this study Teachers sumbe d wood is made of produced slowls. ;et introduced tos es ant idiut. Boh ) be kind to them 'eacher all his lik, he children, what the Teacher mos 3 slowls. There is of them. A child up his dull pupils

The best results right, if it doest rawing which yw ork. In regand t) xing is not mereis hinery, sursering I side; the other ntal and scientift, ents. Any schems mical design is DG e used when thert But when skill in - here produced lementary grades ligence. Dramig cture exists in the I the paper but in drawiugs. Whes , leave his Teacher he drawings in bis s. The objectis jer life. Thehas d "eje for furm"
ieep them out, ist intelligent man or
hing else. It F implied the belid istake. It is nos lluman, and vith-
an? not from flat copies. On the other hand, some liked to teach from copies wholly. Truth takes the poul of both these views und produces sumething better than either: No sood teacher of drawins relies wholly on mechanical help or text-books, or refuses to use them when he can enforee instruction by them.
Dramime is intended to elevelop observation and new modes of thought, and to develop skill and wte by practice of the hathe and eye. Elementary drawing mity be thus divided : free band dmwing domanents and objects in two dimensions, length and breadth, and three dimensions, length, tradth and thickness. Instrumental drawing, geometric, plain, solid and perspective, mixed drawar, mentory and design, advanced freahand, in light and shade, and applied design. He purposed frit to tike up frec-hand drawing in two dimensions. It consisted of an alphabet or form of two atters, the curve and the straight line. He then proceeded to give an illastration of the distinction teweth symmetry and balance on the blackboard. A man might be balanced upon a rope, but te would not be symmetrical. A form having one axis, with two sides alike, miny be said to be gmmetrical. A complete form repeated gives us repetition. Balance he illustrated by a curve blanced on opposite sides of a straight line. Balance is the symmetry of umequal parts and symeetry is the balance of equal parts. Form does uot dejend on size. In drawing a subject may be trated on any scale. Proportion he illustrated by diagrans of a vase and explained how the proprtion was attained. He pointed out the importance of proportion by showing three fleures of the gne shape and height but of different proportions latterly. Stages of illustration in teaching canjug are essential to a true perception of the thing to be taught. He illustrated this on the thedboard by a series of dingrans, showing the successive staces in the growth of an object. As fir definitions, he attacked the custom of stutfing children with definitions beiore they knew what thef meant. He understoud a definition as a means of retaining what you have learned by facts. He urged the cultivation of the memory, as a good memory is indispensable. He recommended the waner, before the exercise began in the class, to draw on the blackboard the figure that was required on bedrawn by the children. The skeleton should be placed on the board also, and then, if the becher chose, the main drawing might be oblitented and the mere skeleton left. He illustrated the eiference between single and compound curves, the first being merely parts of a circle. In teaching fraing it is useful to cultivate the memory. A knowledge of the regnlar must precede the irreguhr in the understanding of any object. As form has nuthing to do with size, neither has it anywing to do with position. This truth the Professor illustrated by diagrams.
Draking from dictation is the best possible way of fixing the attention of the pupils. He strongly monmended it as a means of obtaining attention and enabling the teacher to find out how nuch he By taught.
He then passed on to a more difficult subject, crawing from objects or models. Here he displayed sumber of models which he had brought with him. Objects are bound either by plain surfaces or dirces. It was the usual practice to commence this study by cubes, but he had never adopted that temuse it involved perspective, which was difficult. He was accustomed to begin with curved diects such as are made in a lathe or potter's wheel, which were simple objects. Pcople as a rule tur not what they see but what they know. Round objects seen at an sigle appear an ellipse, the thes of square objects seen the same way, converge. You will often hear a person say, said he, Fannot I believe my own eyes?" Well, he wouldn't believe a man on his vath-if he did not know tor to draw -in his description of an object. There is nothing so easily deceived as the eye. In shing at receding parallel lines they always appear to converge. This fact is not remembered by fe beginner, and he draws a cube larger at the top, with the receding lines diverging instead of zarerging. In England all the pupils in all the schools throughout the island engrage in the same Jencises at the same time. Samples of the work are then sent to the Government examiners for *ipection. He remembered that the first form given to be drawn was a plate. Jiany of the samples bon were incorrect, the pupil taking a bird's cye view of the plate, and thus forgetting to pit in tebottom of the plate. The same mistake is very likely to occur in drawing a chair. The pupil Wiss at the chair, but after all draws it from the inpression he has of it. The bottom of the chair sthe most important part of it , and forgetting his responsibility to fill it, draws the bottom very are and out of proportion.
He gave illustrations of the drawing of spherical forms, such as an apple or an orange; of elliptical lons in the lemon and potato; of ovoid forms in the egr and the acorn, and the spiral in a gea Bell. All objects turned on a lathe or potter's wheel will be circular in section if the section be ependicular to the axis and will appear geometricaliy symmetrical in every view. It took him a pod many jears to discover that simple truth, that an object such as a vase always appears symcrical, from every point of view. A cone is always symmetrical. He illustrated this by drawing. the long axis of the base of a cone will be at right angles to the base of the solid. Prof. Smith here Estrated how a cylindrical firure such as a mig and a conical figure such as a pail were drawn. The blackboard is the most important medium of impressing the principies of drawing on a blackmod. A drawing of this kind need not be claborate, indeed it should not be elaborate. There was excuse in teachers saying "I can't teach on the blackboard because I can't draw." You can't use bblackboard wrong, if you do your best, and it is not necessary to draw too well on the blackboard. fethen proceeded to the subject of design. Any child is capable of naking a design, but instead trying to invent new forms it is better to take natural forms, such as plants, and let the designing ein their armangement. He illustrated how this might be done and variety obtained. Teaching of axing and design should be object teaching as far as possible. He then proceeded to answer a qquestions that had been submitted to him on paper. One question was, how to get over the Eculty of drawing a circle without moving the paper. He criticised the authors of such a schene erercly, and said that if a person chose to stand on his head and drav--provided he could draw diter in that position than on his fect-he was at perfect liberty so to do. In sketching he advothed the greatest freedom
Prol. Smith then concluded a very instructive address, which occupied three hours, and which was dl of interest, but which, owing to the nature of the subject, cannot be fully reported without Groducing the illustrative diagrams.
ion of oral instrus $h$, he thought, lis he latter is likes of the experitas holly from objat

## 3. On Indesmal Aht Edtcation. (At the (llosho Session).

Dr. Rand, in introducing Prof. Smith to the large audience, mate a few whor: vations on the importance of industrial art. He said that he had seen Mr larie who promised to be present, but he had just received a note from him regrettm, his imability to attend, which he read. Dr. Hand explained for the benetit of us: siders that in all the Schools of New Brunswick the clements of industrial drat. ing and designing were taught. We have got that far, and without a revelution beeause the adranee was carcfully made. We have been doing a little at it, and at the Normal School, where all the Teachers have received some training in it He hoped the School Trustees oi St. John would move in the matter so as: enabie the specially gifted in that direction to receive secondary aid. We ar doins an injustice to ourselves if we do not avail ourselves of all the aids for wat ahancenent which are in our yeach.

He would like l'rof. Smith to clearly point out wherein this subject will ase with an economic value to the manaineturers of St. John.


 os a!plied ho hanufactures is a much broader one, and on that he proposed to speak. He had :ares

 erronems impreshon which he had in sume way receised. He was ghad to see that the subjeid owlor was receiving attention in wat Schook. That was a sabject of greater inportanee tiant: herctonne bee: considered. It had been fonat that there is a definite per ce:atage of , ahdren at: are color blind. Abuut fine por cent. of hols are color blind, and only alout one gird athotedred. He accounted for this by the fant thit more of war puners thati we imagine are ine resitd

 bsion at least for the thorouph education in drawing of the nent generation. He lelied iki
 be placed on the completed edifice. We do put do justice to our peuple if we proside classar: ienes and sive the artizan no clance to .ittitin an e.lucation in industrial art after he has left the wi: Scheoh. He should have an opprortunity of becoming as thorough in his business as the sureios
 Finas: to the mechanic what has leen given iur cel:turies in other walks of hife. Louk at the charst whichare tahuse phace in the woild under the influence of modern imentions. Thes have gex shilled labor more than exer valuable and, as it has chaned the circumstanes of society, we ezz chanfe our mules of cducation to meet that chanise it is neecssary ior us to make our cduaite praciicul as well as welesate it. The subjects of eduction are learly changing. It is not so no smee the profession of the scientist was ime ented. Thirty sears aiow the man who stands in Huator posituon to-day did not exist, and set the world oned mure to suentists than to any uther class
The subject of industrial art is being taken up he every prorgessite natoon, because with.ai:





 tral art and tedneal hnonledse. The same thino is heing dome in France. In Paris itscif there at
 workshops and car:a good wares. The same is true even of kussia. When every other evantry mus makimat progress it would scem that the time had come for jeculde here to take up the sutyen
 ant of miustriad arth. There is in cucrs race a taste for the beautiful, as well as for the useful. Tar is $i 7$ faculty which certainly is not lachane here, and which should be cultivated. The grat aze of ever country is more skilled labor. I'ref. Smith duelit strongh on the necessity ior phanase, eit facility for becoming skilled artizans before the perple. As an illustration of the value of siziat lator, he stated that a puece of clay the size of a com, which was of mo zalue and which matht tat entered into the comprosition of a brick, becomes in the hands of a skilled artist a work of art ancit mure than any conn that eser uas male. The salue of the products of any nation depend on tros

 of a country depends not on protective inrifts, but on the industay, skill and knowledse of itsperis
 tection on fisenl laws it was once smid that an Englishman could not produce a work of art ixy

 this is now changel. The most complete proiection which can be had from any foreign aferesisi
 nent than ans Chinese wall of isolation. We must rele on our skill to turn our ratimatenalian cold. Art is not a question of mee, bui a question of apportunity and of faith. The wiki=E
 is goxi an cilucation as thes conld have had the lieen loirn an ang wher country. Prof. Smith bet tuned to ine dran nos shown on the wall and explaincel the propessire stiges of the art of danior
krinning nt rothman in noted all yo pork of thre d one younk In correludi en ressiuns $f$ the mecting a soll conside piter of dm d this Irorin beat down a

The first Eu frad themsel cistiful. In surs of the and the fisher sif sources Siew Bruns thesrecs a 1 tiod the " Pr thomledge o The increase -erals of va bong the son Exals of wl riting a desis atbe first plac Serondly say tith then, on And lastly la in and in illu Io describing Emals, or to mind and imp fryoses In Fe vill be m Hisi branch o dere are a 1 ll cismore tal ise the ores 0 1 knowledge mothing 0 at or other $F$ the more tibese inctals ty porer to an sonery of ma Exifing then
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Peel in Carl fraish red col 4. About 40 atined is state Fed sicel. S -sanesc Sin Exsat Yarkh 4t Tiest Beac cesd up to any 1 tind of irol ass alled $B C$ racills in the Leratic or B ado in tho pro istrior the $m$ Afarth ore oi bad yon, is 1 Fir and clse 4tith ore to d seen Mr lark, m. him regretter the benefit of uri: f imdustrial drax. hout a revolutien ; $\sim$ littlc at it, $x$ me traming in it $:$ matter so as: ary aid. $\mathrm{H}_{\mathrm{e}} \mathrm{of}$ 11 the aids fur .ot
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beinning at plain geometrical drawing and ending with the lighest branches. Ife said that the whman in a workshop who could draw a plan and understand it would always be the foreman. He ranted all young mechanics to remember that. These drawings, as befo، - explained, represent the rork of three years by two pupils in the Buston School. The first two sets of drawings are the work d one young lady not jet cighteen, the other of a lady not yet twenty-two years old.
In colduding, Prof. Smith satid that since coming to the Provinee he liad received some favomble insessiuns from what he stw. He had been impressed with the unselfish public spirit displajed at twe mectine at the Mayor s office, and the desire shown by all to get the best without rerard to permal considerations. Ine behered the educationists were in the right way and had taken up this pater of drawing properly, and could not fail to be sucecssful in it. He felt that public education othis Province was in safe hands. After expressing his gratification at his reception in St. John, best down amid great applause.

## G.-Lecture by Mr. Gcorge F. Mattheto, A. AJ.

## The U'seful Minerals of Nev Brusiwick.

The first Europeans who scttled in Aculia, of which the province of New Brunswick forms a part, frend themselves in a country aboundiug with game and fish, and one where wood was almost too cixtiful. In those early days, though there were legends afloat of boundless mineral wealth on the Sws of the Bay of Fundy, the reality did not come up to the expectations of the early explorers; bit the fisheries and lumber, together with the products of the soil, came to be relied upon as the tiaf sources of wealth in this new country. As these resuurces began to diminish, the inhabitants diew Brunswick were lead to utilize the wealth hidder beneath the surface of their land. Thus hderrees a new class of products was developed, which, as being of a mineral nature are denomigited the "Prodicts of the Mine." It is of these I propose to give a very brief outline, and say how itnomlelge of them may best be imparted in the Public Schools.
The increase of manufactures in our midst, will no doubt cause an increased demand at home for Earals of various kinds, and therefore an intelligent knowled;e of such as we possess, if difiused bong the community, would be a great gain to all; and it would also lead to the discovery of useful ixmls of which we are now innorant, As a contribution to this knowledge, and with the hope of ading a desire to study the sources of information on this subject, which are available, I shall give athe first place a bricf sketeh of (1) The Useful Minerals of New Brunswick.
Secondly say a few words about (2) The best practical means of promotnir a general acquaintance fich then, on the part of the Teachers and pupils in the Public Schools.
fan lastly lay beforc you (*) A. Cullection of Ilinerals and Descrjptive Catalogue for your informain and in illustration of the subject in hand.
Io describing the useful minerals of Niew Brunswick, I do not propese to limitmyself to the simple Einsls, or to slank more accu. Ty the mincral species, but to describe as well, the various consbond and impure substainces of mmeral origin, or compusition, which are available for coonomical Emoses In this conncction various earthy deposits and rocks, which have a homogencous strucFe nill be mentioned. The mineral species themselves wilf be described in comection with the hiod branch of my subject, and I will therefore allude here otily w those of primary importance. bere are a number of these mineral species, which, from their occurrence in large masses, or as dis more valuable than others, are worthy of a place among the economic minerals; and anong inse the ores of metals hold a prominent place.
Amowledge of the use of metals has grown upamong men by slow degrees. Our ancestors once bat nothing of them: all their weapons and implements were made of stone, wood, bone, shell, Fay or other substances which came to their hand without the chemical processes, through which首 the more important of the metals can ise procured. The uccurrence in New Brunswick of many fithese uncials would still be unknuwn, but fur the rescarches which have given to modern chemistry feporer to anajyze and pick them out from their combinations. We may, therefore, anticipate the gorery of many more deposits of ore and other uscful mineral substances, when the means of Fifising them become more generally known.
lux--Prominent among the metals, the possession of which may be reckoned as of vital importys to a community, is Iron Ores of this metal are known to exist at several localities in New Esrick, but only those of Woodstock in Carlcton County lave been laryel; mined and smelted. Ea Hoodstock ore is chiefly of the species known as Hematite, and extends over a wide stretch of cetr, riz : from Aroostook county in Maine, to and across the Saint John river into the Parish Pexi in Carleton County, New Branswick. The orebeds of this range are of a bright red or eraich red color and are int ratratified with grey clay-siates; and some are as much as eight fect is About 40,000 tmins are said to have been smelted at the Woodstock lron Works, and the iron thined is stated to be remarkable for its hardness and strength, and well adapted for the manuficFed sicel. Some of the iron ore-beds of this district are peculiar in having a large percentage of binnese Similar manganiferous iron ores of considerable promise, are found at the alanganeso Dis at Jarkhamrille, in Kings County, and are now being tested.
1t Tiest Beach, in Saint John County, there are beds of Hematite ore, but they have not been peod up to any cxtent.
Afind of iron ore rhich is a seenndary product resulting from the decomposition of other iron rats enlled Sog Irone. This ore is found in thick beds in certain parts of the province, and reinly in the carboniferons districts of Fork, Queens and Sunbury:
Hernelic or Black oxide of iron is a third ore of this metal which has been found at a mumber of ade in the province; but so far, cither in such small veins, or so mixed vith impurities, as to be essior the manufacture of iron.
diarth ore of iron, and one which is largely cmployed in Scotland and England for the producbutaron, is the Carbonate Beds of this ore have benn fonnd in the conl measures of Qucens fit and elsewhere, but no use has yet been made of the.
Hefth ore to which I may refer, and which occurs in many places, but usualls in small quantitics
is the Sulphurez of Iron. This ore is valued nut so much on accunat of the irun, as of the suift it contans. Sulphur is now so generally used in mannfacturing processes, and is su tanth mediti what are known as Chenneal Works, that the houwledre of a suurce frosa which it may be ulitiey is of importance to us. Such a lucuhty is Muwres Mills, near St. Stephen, in Charlotte Cugh where beds of this ore are found with actinolite schist. The jprites at this place is intinsi mingled with culcite, and the deposit extends in an east and west direction for severil miles.

Manoanmben - Anuther metal, the ures of which uteur in large quantities in New Erumsuan Manganese. A depusit of the ore of his methl was fuund at Marhhamsille. ia liinirs Cuuuty, abs
 but the blach oxide (1'y rulusite), wheh is nore saluable, also occurs. The whole athonht ofe
 1000 tons.
Mangrancse ore is fumd at three other places in New Brunswick. Quaco is an ohd locality aid has been recently re-opened, and has the advantage of being on the seaboard. At Shepody Aoutis Mangranese was mined for several years; and recently a new mine has been opened at Ifopewedu far from this mountain.

On the rête-a-gouche river, near Lathurst, the slates contain veins of sam:gnese ore, which b been mined to some extent.

Corper, - The Cupper ores of New Brunswick are must? sulphurets, and are of cummun v.cartex in the altered and hardened rucks of the suuthern cuanties, but owing either to the irrefokits of the deposits, or $w$ mismanagement of the mincs that have been upencel in them, this mur industry has not had a healthy or continuous "life. The amount of ore at several localities shis have given a better result. Adams' and Simpson's Islands and La Tate peainsula in Charisa County, and Salmon Raver in Albert County, are the most promising places for copper-mining.
Lead.-Galena or the sulphuret of Lead is the only ore of this metal, the occurrence of whint New Brunswick, is worthy of mention. In most eases it is found in association with copper red finc ores, but occasionally alone. The quantities found have been small, and it is no where ame for the cxtraction of lead. It is an ore however, with which in this resrion silver is ofteln associte and veins of it may be valuable on this aecount.

Zisc. - Zanc ore is not plentiful in New Dnunswick, but has been foutul at several places as Confr bello and La Tete in Charlotte County:
Astimosy - Antimony however, a rare metal in most countries is not uncommon in this it is known to exist in at least four places, anong which Lahe Geurge in Iis ri Cuunty is best kojoMining operations have been carried on at this place with more or less vigour since 1S62, and hes: quantities of ore have been extracted. Much of the ore is reduced at the mines and converted iv. Kegulus or Metallic Antinsuny, and also to some extent into the alloy called Babbit Metal. In product of one of the mines is exported to the Cnited States and reduced there.
Otier Metals.-Ores of other metals as Silver, Gold, Bismuth and Aloly bdenum whid uame: small quantities will be described in the third part of this gaper.

MInEEALS IS ROCK-Masses. - Among minerals which occur in such large quantitics, as to $f=$ rock-masses, may be mamed Gypsum or Sulphate of Lime, and Limestone or Carbonate of Lime
Gisstst.-Deposits of Gypsum of ereat oxtcnt and purity are fuund in New Branswiah. Oter the largest is that of Hillsburv' in Alhurt Cuunty, where extensive quarries have teen upene os worked for many sears. The IIllsburo' quarries hase been carried to a depth of 100 feet ritioxs reachang the buttum of the depusit. Sume parts of the Gypsum ruck are of a snuws whitenes, and most of it is compact, fine rrained and of a white color, forming the sariets kincmn as alabite Great quantities of Gypsum have been taken irom these quarries for exprortation, and for calcinisp and rinding at the large mill of the Albert Manufacturing Company:

At l'etitcodiac there are also extensive beds of Gypsum, lut a texture different from the Hillta: rock, being crjstalline and coarse graincd. At Petitcodine the Gyipum has a brealth of forts ing and is exposed for a lenath of s mile; for the greater part of this distance it is traversed by $s \min ^{-}$ of the sariety called selenite, eight fect wide.

Gypsum is found also at Upham and Studholm in Kings Countsp, Tobique river, Carleton Cumt: and in other piaces

Limestong - Limestone and Narble occur at so many paces in Sew Brahiswick that ulaly a fer es be referred to. Pure white crjstalline Marble, and white Marble mixed with serpentine, forming th varicty called Verd Antique Marble, are found in the hills of Portland, Snint John County; aht varicgated Red Marble near Gagetown, in Queen's County,

Combustible Minerals.-Uf Cumbustible alinerals, four hinds uccurrinis in ajew Brunswim st worthy of notice.

Brimesots Coak-Bitumenous Coal has been discuvered at a aumber uiphaces in the Prised and has been mined at पuaic, Ruchibuctw, Clones, and Grand Lake, but the last is the unly ditif where coal-maning has been entemsisely carmed on. The bedis at Newcastle un this l.ak are sex horizuntal. Thes are near the surface and can be worked with small capenditure vi appital principal coal-scann here is frotn ter-26 unches thick; and the cual obtaincal is a highly bitumerey caking vanety, well adapted for houschold and srniths use. The annual pruductivit of the mints Grand Lake is about 3000 claldrons.

Albertite-Albertute or Albert Coal is a mare minerad, found only in a few iunalitics, and meirs the name it bears from having been first fuund in Albert Cuunty. It differs frum truc , wal in hei homozencous throughout its mass, in having no layers of vegetali, re remains, ud i.d fecilis fund is? vein and not in a bed parallel to the layers of the containing rock, as cual is.

The mine (0) per cent. (53-1874) 15 trre amount 1,500 cubic f
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The mine of this mineral at Ixillsboro' was for a number of years very profitable, returning yearly a per cent. on the capital invested; but now it is thuught to be exhuusted. In twelve years (from (53-1s74) 155,000 tons of Albcrtite uere exported from Hillsboro. Its value cunsists chiefly in the arge amount of bitumen which it contains, for it is capable of jielding 100 gallons of crude oil, or 4,500 cubic fect of gas to the ton.
Bruyenous Shalys.-Bitumenous Shales form masses of rock of considerable thickness in Albert ad Westmoreland Counties and extend into Kings. There are two belts of these Shales wheh traverse the counties named for a length of fifty miles. At Baltimore, a few miles east of the Albert Mincs, bey are very rich in Bitumen; and extensive works fur distilling vil from the Shale were once in Freation there, but had to be abandoned after the discovery of Petruleum in Pennsylvania. The fehest bed in Baltimore jielded sixty-three gallons of yil per twit or $\bar{i}$, wu cubie feet of gas. The fals of Shale in Westmoreland County have been quarried for exportation, and more recently borings rad pits have been made in them in search for Albertite.
Boo Peat.-Bor Peat is the fourth combustible to which I referred. It is a substance which results nom the slow decay of Peat Mosses, plants of a low order, which grow in wet hollows, and in the burse of centuries produce masses of Pent many feet thick. At the present time this substance is mused in New Brunswick, but in Europe is extensively used for fuel, both in its natural state when fifd, and also in a condensed form. By a preparatory process and by forcing through a cylindrical wes, hard blocks of fuel are produced from it, equal in density to cual. Peat in this form may be geed for all purposes to which ordinary fuel is applied, even w the generation of steam, or the melting of iron. Extensive beds of Peat are found in variuus parts of New Brunswich.
Buldisg Stoses - Another class of mineral products of a compround nature are the Building Woncs Among these the compound nature of Granite is patent to every one, who examines it sth attention. This rock is so common in many parts of New Brunswick, that I shall only refer to fer places of special interest.
Granise - At Hampstead, west of Spoon Island on the Saint John River, is a Granite quarry bich has been in operation for many yoars. Stone from this quarry has been largely used for raidins purposes in various parts of the province. The rock is of a grey color and the three minmals Feldspar, Quartz and Mica, composing Granite, are present in the usual proportions.
This, howerer, is not the case with the Granite of Saint Geurge, in Charlutte County, in which le soly mineral Mice is very scarce; and some of the Saint George Granite consisting as it does, ba great extent, of two minerals only, comes under the name of Binary Granite. The two minerals I which it is composed are capable of receiving a high polish, and hence this stono is particularly fell cdapted for ornamental purpuses. Other varieties of the Saint George rock contain suflicient comblende to be denominated Syenite.
On the West Branch of the Musquash river, there is a peculiar variety of Granite, which would be rinable for ornamental purpuses on account of the large size of the feldspar crystals scattered trough it. These crystals are cute-and-a-half or two inches long, and are zones with flesh and cream whed shades in an unusual way. The rock on account of the large crystals seattered through it Ea Porphyritic Granite.
Sampstonzs -Sandstones which are also much used in building operations, on account of the ease nth which they can be worked, are quarried at a nuanber of places in New Brunswick. There has an been an active demand for the excellent freesione or soft sandstone of Albert and Westmoreland connties Larke quantities of this stune are shipyed annually to the United States, where the rock 5 highls prized. From the Budreau quarries there are shippel anmually 5,000 to 7,000 tons, and from the Calcdonia 4,000 to 0,000 tons; and uther quarries alsu send larre quantities. A great deal \& frecstouc, both from the Westmoreland and the Albert quarries, has been used in the cut-stone Fort of buildings erected in Saint John since the great fire of $18: 7$.
Chir for Bricks - Among materials used in building operations, may be named clays, for the mafacture of brick. Beds of clay suitable for this purpose are to be net with at many points in be villeys throughout this province. Those which are found near Saint Joln are generally "too trong," and the clay needs to be mixed with sand to produce a brick which will stand drying and fing, but at some localities inland the proper proportion of sand and clay is found in the claybeds, vdrom such clays bricks an be prepared with greater facility:
Peds of fire-clay, a substance from which bricks that will withstand a high furnace heat, can be pade, exist in coal measures at Grand Lake in Queens County and elscwhere The clay from these fals is brought to Saint John for the purpose of making terra-cutta drain pipes, and chimney tops, bifor the manufacture of fire brick.
Strstaices of Orgasic Origis: - Amondr mineral substances of organic origin (beside the com estible mincrals already described) which are aupable of being used in the arts, or as fertilizers, Erip be mentioned Phosphate of Lime, Calcarivus Marl, Marsh Peats. Diatwmaceous Earth and Sriphite.
Peospats of Limp Phosphate of Lime as is well known is a valued product of the baurentian misof the Tpper Provinces, and although it has not yet been found in these rocks in New Brungfid a depmsit of similar composition, but certainly of organic origin, exists in the Cambrian slates 1 Suint John This deposit consists of great numbers of little shells of a black color, packed fether in dense layers with sand, fumning beds of from one to two inches in thickness. A piece of tis merl on analysis jielded thirts one per cent. of Phosphate of Lime and thirty-two per cent. of Erions sand; the remaining thirty-seven per cent. beinz chicfly Carbonate of Lime.
Cuprosite of Liase Amung the fertilizers of animal origin, chicfly consistiog of Carborate of lime may be named Calcarious Narl. This substance is found in many fresh water lakes, especially Fere the surrounding slopes are formed of limestone or calcarivus slate. Such deposits are often bre nr iess peaty from the $p$ moence of vegetable natter, and then are no less valuable for fertilizing cencses than when more purely celcarious.

Marbil Peat. - This variety may pass into Marsh Peat which differs in its origin from Bog Peat Marsh Peat consists largely of the finer part of alluvial deposits brought down by rivers and streams and deposited on marshy or submerged flats. Extensive areas of this material will be found to exist in the valleys of the Saint John River, and its tributaries, from Saint John to Frederictoia. A great part of it has been submerged beneath river level, along the main river and its tributaries, by the gradual sinking of the land. Experiments made with this substance show that, like the mussel-mud of Prince Edward Island, it is valued as a fertilizer.

Diatomaceous Eartil.-Diatomaceous Earth is another product of organic origin, whose chie! value consists in the fine silicieus shells of which it is composed. It is largely used in severnl mann. facturing processes, as well as in the original state, in which coudition it forms an excellent polishing powder, and in origin is similar to the Tripoli of commerce. Diatomaceous Earth has been found a; the bottom of several lakes in Saint John, Kings and Albert Counties.

Graphits - Lastly I mention the mineral Graphite, which though now hard and stone-like, is believed to be a product of the decay and change of plants. In the Parish of Portland there are beds of this mineral several fect in thickness, and of sufficient purity to find a useful application in the arts. A mine was opened many years ago in the beds near the Falls of the Saint John and has been worked at intervals simec. The product of this mine has been employed chiefly as Stove lead and as a coarse lubricator.
These remarks on the economic minerals of New Brunswick might be extended to a greater length, but what has been said will satisfy you that as sources of wealth to the community our minerals are likely to become increasingly valuable. I therefore pass on to the second branch of my subject, viz.:-

## The best practical meains of promoting a general acquaintance with the Useful Mincrals of our country.

And here I feel that I should speak with some diffidence, as the subject has not come beforeme in the practical way that it has before you as Teachers. Nevertheless there are two points upoa which I will offer a few suggestions which I hope may be of value.

As the study of Natural Science, in its elements at least, forms a part of the Curriculum of your School course, it seems to me that some way should be found to give the study a more practical turn than is at present possible. In many branches of knowledge books will give access to the subject to bo investigated. The Mathematician, the Student of Belles Lettres, the Historian, the Linguist can roam through the field of knowledge at will. Such however is not the case with the naturalist, - to him pre-eminently object-teaching is a necessity. I think I am not wrong in saying that the natural science which is oltained from books alone is scarcely worth the time spent in its acquirement Some Teachers of these sciences even go so far as to exclude the use of books entirely in the carlier starges of teaching.

As an exercise of the mind, and as a help to the acquisition of sound judgment and nice discrimination, no branch of study is superior to Natural History. But such habits are not acquirad by swallowing wholesale, the statements of authors, but by applying to them the touchstone d evidence-by taking these statements to Nature herself, and secing how far the printed page agress with the object described. Hence I may say that without the use of natural objects, Natural Science cannot be properly taught. Take for instance Mineralogy, the study winch it is my privilese to bring befure you on this occasion. Who can describe by words the different lustres of quarit, feldspar and calcite, the odour of arsenical compounds, or the more homely one of clays Yet he who has once practically tested these characteristics, can always thereafter recognize them.

Nature too is thoroughly honest and makes no mistakes; and facts obtained from her go to funish a store-house of knowledge which never loses its value. Books may become obsolete, opinions mas change, the lealers of thought of one generation may lose their hold on the admiration of the nert But Nature is always fresh, and, in this aspect, unchanging. There is need also that in pursuing this line of studies, tallies should be provided by which the student may be able to fix in his memory the facts (if they be such) which are presented to him on the text-book. Of such tallies, there is at pre sent in the machinery of the Free Schools, a woeful deficiency; and to supply this want oniy tro methods, so far as I can see, present themselves: there are the alternatives of purchasing the nects sary outfit, or of obtaining it by cxchange within the province. Of these the latter seems to me the more desirable plan, as it will not only interest the Teachers themselves in the object sought, but will provide a collection of materials such as would be most likely to find their counter-parts in the various Schonl districts to which such objects would be distributed. Fredericton and Saint John would be the most desirable centres to which such collections of Natural Objects could be sent, ard from which they could, after examination, be distributed. In this way a knowledge of the minerds found in one part of the province would be made known in another, and by multiplying the number of observers, the chances for the discovery of valuable mineral deposits would be increased.

There is another method through which a more general acquaintance with usciul minerals and other sources of natural wealth misht be increased, viz: by oral instruction to the Teachers themselves. For how ean Teachers be expucted to instruct their pupils uniess they thenselves hars first acquired the knowledge which their position requires them to impart. If the various branches of Natural Science indicated in the Curriculum of study are to be anjthing more than oramental headmgs-if real teaching is to be donc, some means must be adopted similar to those which in Boston preceded the introduction of the study of the Natural Sciences into the course of stady in their public Schools. I have been informed that "The Boston Society of Nutural History hart been carryine on for some jears, under the patronage of awealthy and public spirited citizen, what they call a Teacher's School of Scaence. It consists of courses of lectures to Teachers, illustrated by specimens. Each student is furnished with specimens, and taught how to observe and use them The average attendance at first was about fifty and it has risen of late years to about one hundred These exertions are now producing their legitimato results. This year the oral teaching, which hes bcen introduced into Boston Schools by the School Board, caused the society, encouraged by the assistance of severai ladies noted for their efforts in behalf of education, to attempt a still mare direct application of this method of imparting knowledge to those Teachers who were to emplosit
in the primar butured, and consist of Bota Hyatt. There ber of specime smount of pur and animals, a child, in teach кell, what it w imm its own o This trainin proper study o out of supersti saln and intc of these studi carried to their

Simeon Jc mas glad to ior then he much please days of his y Schools, and this splendid eren a great acknowledge ing the fore rhat they m remunerated city, and hor and vigor to

Rev. John yount Alliso. Mattherw's ad the natural s sme thing in: from the bool thoaght the ( lection. Let specinens an with the othe At the ope Prof. Burwas: thought it h : showed the I importance gi Modern educ man. We fir the true, the and the good beings can be the remunerai
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go to furnich opinions mas o of the nert pursuing this S memory the here is at pre vant only tro ing the necerems to me the :t sought, but er-parts in the d Saint John a be sent, ard it tho minersls ig the number eased.
minerals sud eachers therr enisclves bare jous branches an ornamental hose which in se of study in
History hart 1 citizen, what illustrated by and use them. - ono hundred. ing, which hos uraged by the it a still more cto emplogit
in the primary and grammar Schools. The armangement was made on the former basis of one buudred, and they now find applicants to the number of nearly six hundred, for a course which is to consist of Botany by Prof. G. L. Goodale; Minemls by L. D. Burbank and Zoology by Prof. Alphœus Hyatt. There are to be twenty-four of these lectures, given on Saturday afternoons, and the number of specimens to bo supplied will amount for some lectures to two or three thousand. No great anount of pure science is to be taught, only the structure, habits, sic., of common plants, minerals and animals, and in such a manner that the information obtained can be made directly useful to the child, in teaching it to obscrve common things, and conmare them, in fact shewing it how to do well, what it will have to do in the world after school-days are over, -obserie, compare and conclude frmits own observation and experience."
This traininer of the mind, as I have already remarked, is one of the greatest advantages of the proper study of Natural Science. No other branch of knowledge is more conducive to the rooting out of superstitions, the training in self-reliance and independence of thought, and the formation of scalm and intelligent judgment; and I therefure anticipate great advantages from the introduction of these studies into the Schools, if they be accompanied by the necessary object-teaching, and earied to their legitimate result.

## H.-Specches by Gentlemen prescut as visitors.

Simeon Jones, Esq., Mayor of St. John, spenking at the first session, said he Fas glad to meet the Teachers, and in doing so he was reminded of his boyhood, for then he was afraid of them, and in old age he was afrail of them still. He was much pleased at the change which had taken place in educational matters from the days of his youth to the present time. Then anything was good enough for the Schools, and a garret was respectable enough for it to be held in ; now, there was this splendid building devoted to Common School purposes. But there had been eren a greater change in the standing of the Teachers. Then they were hardly acknowledged in society, now we were all proud of them. They were fast becoming the foremost profession in public esteem, and the next generation would be what they made it. He was confident that, in the near future, they would be remunerated better than now. He had great pleasure in welcoming them to the city, and hoped they would enjoy their vacation and return with new strength and vigor to enter upon the duties of their noble profession.
Rev. John Burwash, A. M., Professor of Chemistry and Experim ntal Physics in Hount Allison Wesleyan College, being called on to speak at the close of Mr. Hatthew's address, said he agreed with the opinion expressed by Mr. Matthew that the natural science learned from books was not worthy of the name. It was the ssme thing in physiology-a pupil might ve able to describe any object by reading from the books, but when the object was placed before him he could not tell. He thought the County Institute could do a great deal towards helping to form a collection. Let the Teachers living in one district gather together a number of specimens and when they attend the Provincial mecting they could exchange one with the other.
at the opening of the last session, when requested to occupy a few minutes, Prof. Burwash proceeded to congratulate the Institute on the gowd work done. He thought it had given an impetus to education that would not dis: out, and that it showed the Teachers of New Brunswick were fully up to modern methods. The importance given to the study of science and art were steps in the right direction. Hodern education was distinguished by the influence of the outside world on the man. We find in this outside world nature around us to be the educator of man, the true, the beautiful and the good in nature correspond to the true, the beautiful and the good in man. Yours is one of the highest occupations at which human beings can be employed, and I trust that you will not mensure its importance by the remuncration which attaches to it.
Hos. Joun Boyd, Senator, Chairman of the Board of School Trustees of St. John, at the closing session of the Institute, expressed his thanks to Prof. Smith for the interesting address. In the course of his remarks, Mr. Boyd said that the Trustees of St. John had desired to introluce more industrial iustruction into the Schools than there is at present, but he would say that here in St. John we have the best public Schools on this continent, and he did not thank Dr. Jack, who was riscent, for taking away one of our best Teachers from the Grammar School. Then he heard the hearty applause which the mention of Prince Albert's name eroked, he could not help thinking of his daughter who in this country had done
so much good work. Mr. Boyd then referred to the establishment of a cooking school in this city than which nothing was more desirable, and he could only mish the Government would endeavor to engraft that in the public Schools. He hadno doubt that if a competent, teacher was employed, and a number of pretty girls gh as assistants, a sufficient number of young men would be attracted to see them cook, so that the expense would be fully met. He was glad to hear Prof. Smith spant of the necessity of giving our young people the best education so as to enable them to make their own way in life, so that when the young people rise up to mature years (instead of going to Boston or New York) they will be able to get emplos. ment here and give us the benefit of their skill and taste. Mr. Boyd said thata prominent merchant of Boston told him a short time ago that he had three hundred young men and women from St. John in his establishment, and they are the best he had, and not one had to be found fault with. Isn't it a shame that He have to send them away? He was glad that Prof. Smith touched that chord-hom to teach young men and women how to do for themselves, and us here what they have to do for others, and that is by establishing higher schools of technology. He (Mr. Boyd) was glad to hear Dr. Rand speak of the ten years Prof. Smith had spent at Kensington, the ten years at Leeds, and ten years in Boston, and the hope that he had expressed that he vould be induced to come to Canada for ten years He saw that an evening paper credited him with possessing the ear of the Ministry of this great Dominion (something he was not aware of before), but he would endeavor to use what little influence he had with the ministry to get Prof. Smith to come to the Dominion and become one of us.

A selection by the choir followed, after which Dr. Rand tendered the thanhsoi the Institute to them. A rote of thanks was passed to Dr. Rand, the President, and the Institute adjourned.

## MINERALS OF NEW BRUNSWICK,

With Descriptions, and simple I'ests for determining the Species.
by G. F. MATTHEW, M. A.

## INTRODUCTION.

As we look around us on the objects of nature we soon learn to distinguish thre classes-the animals, the plants, and the rocks, earth and uater which compose tee visible substance of the earth. These three classes of objects constitute the thre Kingdoms of Nature.
If we take an object belonging to one of these classes, as for instance, a store, and compare it with other stones, we soon notice that all stones are not alike; there will be differences of color, of hardness, of size, \&e., in the particles of which the several stones are composed. Perhaps the stone we are examining will be found to consist of grains of three different kinds; one of which, of a dark coler, has shining or pearly surfaces; another kind is flesh-colored or white, with brigh reflections from certain sides of the grains; and the third lind seems like graic of dirty grey glass: on inquiry we ascertain that this stone is called grame Armed with the foregoing observations on its character, we arrive at the conclusios that granite is not a simple mincral substance, but an aggregate of three differul kinds, each of which has unvarying characters peculiar to itself. It is the pror. ince of mineralogy to describe the appearauce and properties of the different simple mineral substances, of which granite and other rocks are composed, so as to maste their determination easy and certain. Each of the substances of which this science treats, having properties peculiar to itself, and, within certain limits unary. ing, is called a species; and it is to give an elementary lnowledge of such of theis species as are found in New Brunswick, that the following pages are prepared.

The plan f Dann's adap zelius and carring unco mineral spe then those sition. A d rent charact each species by the use of of the mine rick can be of the speci ing order:1. The $C r$ species has a to which al cases quite These types
L. Monom and derivati otaliedron (E dron (3).
II. Dimet right square hedron (5), f III. Trin the right re rhombic pris halron ( $S$ ). IV. Mrono right thombe prisms (10).
V. Triclin the oblique $r$ : primary forr: VI. Rhom nal prisin (l The skelet which they: One or oth the name of 2. The ha numeral whi by the numl following ": 6 Feldspar, drawing a fil across the s nearest. Tl common mis As the mir man's scale is given:1 Yic
2 Dor
3 Scr
4 Nol
5 Scr
6 Scr
7 Do
S, 0 ,
3. Specific
f a cookins 1 only rish He had as ty girls got ihem cook, mith speat :nable them to matures zet emplos. said thata three hor. Ley are the me that re :hord-hor ${ }^{2}$ what they ology. He Smith had id the hope - ten years re Ministry $\therefore$ he would Prof. Smith
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'guish thru :ompose the c the thre
ce, a stone not alike; es of which ing will bs dark coler, with bright like grais led granis a conclusios ec different is the pror. xent simple as to mate which this sits unvars. sch of thes epared.

The plan followed in the arrangement of the following list of species is Prof. J. D. Dama's adaptation of the systems of Berrelius and Rose. Thus the elements occarring uncombined and the more simple mineral species are described first, atd then those of a more complex composition. A description of its pore promipent characteristics follows the name of each species, and simple tests are given, by the use of which it is believed that most of the minerals met with in New Bruns wick can be determined. The characters of the species are arranged in the following order:-

1. The Crystalline form. Each mineral species has a fundamental type of crystal to which all its varying forms (in some cases quite numerous) can be referred. These types are six in number.
I. Mfonometric, including the cube (1), and derivative forms such as the regular odohedron (2), and the rhombic dodecahedron (3).
II. Dimetric, such crystals as have the right square prism (4), or the square octohelron (5), for their primary form.
III. Trimetric, such as are derived from the right rectangular (6), and the right rhombic prisms (7), or the rhombic octohelron (\$).
IV. Monoclinic forms derived from the right rhomboidal (9), and oblique 9 hombic prisms (10).
V. Triclinicincludes crystals which have the oblique rhomboildal prism (11) for their frimary form.
VI. Mhombohedral includes the hexagonal prism (12) and the rhombohedron (13).


The skelcton figures represent the basal outline of the crystalline forms besides Fhich they are placed.
One or other of these six different types is indicated by its Roman numeral after the name of each species in the Descriptive Catalogue.
2. The hardness. This property is indicated by the letter " H " following the numeral which stands for the crystalline form, and the degree of hardness is marked by the number following " H ." The standards of hardness to which the numbers following " H " refer, aze-1 Talc, 2 Gypsum, 3 Calcite, 4 Fluor Spar, 5 Apatite, 6 Feldspar, 7 Quartz, 8 Topaz, 9 Sapphire, 10 Diamond. Hardness isdetermined by drawing a file alternately two or three times across the mineral being examined, and across the standards of hardness, and thus deciding to which of these it comes nearest. The standards above Quartz, (7) are seldom required in testing the more common minerals.
As the minerals of the Standard scale of hardness are not always to be had, Chap. man's scale of hardness which corresponds in the numbers to the standard scale is given :-

## 1 Yields easily to the nail.

2 Does not yield to the nail. Does not scratch a copper coin (cent).
3 Scratches a copper coin, but is also scratched by one.
4 Not scratched by a copper coin. Does not scratch glass.
5 Scratches glass feebly. Yields easily to the knife.
6 Scratches glass easily. Yields with difficulty to the knife.
7 Does not yield to the knife. Yields with difficulty to the edge of a file.
S, 9,10 , Harder than flint or rock crystal (No. 7).
3. Specific gravity. Indicated under each species by a " $G$," with numbers fol-
lowing. The specific gravity of a mineral is its weight compared with water which is assumed to be 1. The "gravity" is obtained by weighing the mineral in airad then in water, and dividing the weight in air by the difference between the weight in water and that in air.

Synonyms and chemical composition of each species is given on the line beneth that on which the above characters are indicated; and then
4. Other physical 1 roperties. As Lustre, Color, Streak, Refraction, Phosphores. cence, Magnetism, \&c. "Streak" is the color of a mineral where it is scratched Phosphorescence is observed in the dark in certain minerals when they are placed on a red-hot iron. Magnetism is observable in some compounds of iron, and the assays of others when calcined. To test this quality a small magnet is required

Cleavaye is the property which many minerals have of splitting in certafn direc. tions. The planes along which they split are called cleavage planes.

Sectile. - A mineral is sectile when it may be cut by a knife without crumbling.
Weathering is the change which takes place by the decomposition of the surface of a rock or mineral from long exposure to the atmosphere and rains.

Mralleable.-A mineral is so described when it may be beaten out with a hammer without breaking.
5. Behaviour before the Blowpipe. This is one of the most valuable tests and involves the use of certain accessories. Besides the blowpipe itself, which may be of very simple construction, an oil or spirit lamp (not paraffine), charcoal and platinum forceps are required. And a few inches of fine platinum wire is desirabls for testing with fluxes, such as lourax and soda (carbonate). The end of the wire should be formed into a small ring or loop which is to be filled with the broken or powdered flux, and this melted to a clear bead before the blowpipe. When the mineral is powdered the heated borax-bead will if applied
 to the powder, pick up as much of it as may be required Two other fluxes may occasionally be required-salt of phosphorus, for trying chlorids and fluorids, and silica to use with soda in testing sulphates.

The cone of flame produced by the blowpipe in blor. ing through the flame of a lamp or candle consists of tro parts, the inner cone or reducing flame of a blue color, and part of the cone is just at the tip of the blue flame.
To test the presence of water or volatile matter, the mineral should be heated in a glass tube ur vial about three or fuur inches long and as large as a goose quill, The flame should be directed against the outside of the tule beneath the assay, and the water or volatile matter will condense in the upper part of the tube.


The initials "B.B." used in the description of species in the following list significs "Before the Blowpipe":-
6. The Action of Acids. Acirls are used to distinguish certain minerals, as carbonates. The acid for testing should be diluted with an equal quantity of water, and the mineral should be coarsely powdered and dropped into it, when bubbles of gas will arise, producing an effect called effervescence.

Another effect of the action of acids is the formation of a jelly. In this experiment strong acid is used The puwdered nineral is drupped into a small quan. tity of the acid placed in at glass tube and aftera while a jelly-like mass is formed. Most minerals of the Zeolite family (No. 38-47) undergo this change (gelatinize) in acid. The acids used are nitric, muriatic and sulphuric.
7. Chapman's Table for determining Minerals-applied to this Catalogue. Aspect Metallic.-Hard enough to scratch glass (common window glass):

Color-Jight brass yellow. 12. (See number preceding name of species in the following catalogue or list).
Color-Tin white or silver white. 13.
Color-Steel grey, black, or brown. 19*, 20, a d bdc, 22, $23 a$.

1. Gold. leable. Not muriatic acid kick, and sF Jsed in jewe
2. Copper Dissolves in it becomes Connty, and only metal u of A America, large deposit
3. Coal.B.B. entirely are:-

3a. Anti wat grey antl sanc
Bitumens cent
33. Pitcl able Que

Phosphores. is scratched y are placed ron, and the is required. ertafn diree.
crumbling. the suriax
ba hammer
e tests and hich may be harcoal and is desirablo of the wire the broken When the 1 if applied be required red-salt of and silica to
pe in blor. sists of tro e color, and The hottest me. a be heated gouse quilh the assay, te tule. £ species in
$:-$
inguish cer.
for testing y of water, dered and I arise, po-
eformation sid is used small quar. : and aftera ost minerals ndergo this ds used are
clogue.
glass):
of species
hapect Metaluic.-Not hard enough to scratch glass:
Malleable or ductile. 1, 2.
Yielding to the nail. 4, 6, 14, 21, 30 .
Not yielding to the nail. $5,7,8,9,10,11,15,22$.
Aspect Non-metalic (stony, glassy, \&c.)-Hard enough to scratch glass:
Infusible, very hard, not yielding to the knife. 19, 24, 2J, 31, 32, 33, 34.
Fusible, not yielding water in the bulb tube. $26,27,28,29,31,32,34$.
Fusible, yielding water in the bulb tube. 40, 41, 42, 43, 44, 47.
hspect Non-metaluc (stony, glassy, \&c.)-Not hard enough to scratch glass:
Soluble, having a saline taste. 16.
Take fire when held in thin splinters in the flame of a candle. 3, 58.
Does not take fire, but burns with a red glow when heated. $3 a$.
Incombustible, streak colored. 18, 20, 21a, $23 b \& c, 52,57$.
Incombustible, streak white.-Not yielding water in the tube:
Yielding to the nail. $27 c, 30,35$. Effervescing strongly in cold acids. 53. Effervescing feebly in cold, but sensibly in hot acids. 54, 55. Fusible. 7, 49. Infusible, 9, 19, 50, 56.
Incombustible, Streak white.-Yielling water in the bulb tube:
Yielding traces only, or a very small amount of water, $26 a, 30,35$. Yielding a considerable amount of water.
B.B. Fuses on the edges with difficulty. 36, 37.
B.B. Exfoliates and crumbles. 51.
B.B. Fuses easily. 38. 39, 45, 46.
B.B. Infuxible. 48.

## NATIVE ELEMENTS.

1. GoLD. -I. $\mathrm{H}=2 \cdot 5-3 ; \mathrm{G}=15 \cdot 6-19 \cdot 5$. Color golden yellow. Sectile. Mallable. Not affected by any single acid, but soluble in a mixture of nitric and muriatic acids. Has been found in streams in the northern part of New Brunsmick, and sparingly by analysis in ores of iron, zinc, \&c., in Charlotte County. Dsed in jewelry, coinage, \&c.
2. Copprr.-I. $\mathrm{H}=2 \cdot 5-3 ; \mathrm{G}=8-9 \cdot 4$. -Color copper red. Sectile. Malleable. Dissolves in nitric acid, and when metallic iron or steel is immersed in the solution iit becomes coated with copper. Found sparingly at Little Salmon River, St. John Connty, and at Clark's Point and Grand Manan, Charlotie County. This was the only metal used by the North Ámerican Indians of this region before the discovery of America, and was brought by them from Lake Superior, where there are very large deposits.
3. COAL- $-\mathrm{H}=1 \cdot-2 \cdot 5$; G 1•2-1 $\cdot 75$. Color black to dark brown. Combustible. B.B. entirely consumed except the mineral impurities called "dsh."-The varieties are:-

3a. Anthracite or Hard Coal. This consists of carbon with 4 to 7 per cent. of water and more or less ash. -There are small seams of this mineral in the grey sandstones near Saint John, and an important bed of granular anthracite with a heary ash (specific gravity 1.84 ) occurs with similar sandstones at Lepreau Basin, Charlotte County, where it is mined.
Bitumenous Coal. Carbon with 10 to 60 per cent. of bitumen and 3 to 20 per cent. of "Ash."-Of this there are several kinds, viz.:-
3b. Pitch or Caling Coal, which needs to be stirred to help combustion. Suitable for grate-fires and forges.-Mined at Newcastle and Coal Creek, Queens County.

3c. Cherry or Dry Coal. Bürns more rapidly than the last and without cakitr The best soft coal for close stoves and furnaces. - Mined at Springhill, S., \&c.

3d. Cannal Coal. Compact in texture, glimmering lustre, conchoidal fractor and receives a good polish. Used for making gas (and formorly for od Occurs at Caledonia, Albert County.
3c. Albertite, or Albert Coal. Has many of the properties of bitumen mineral pitch.' It is very pure, with only 2 per cent. of ash, and is use in the manufacture of gas. Mined at Hillsborough, Albert County. Thi mine is more than 1000 feet deep, and has lately been closed.
3f. Peat, Is a combustible mineral in which the process of conversion in coal has begun by the decay of vegetable matter. It is found in meit localities in mossy bogs and low marshy land, Torryburn, Simonds, 6
4. Graphite.-VI. H=1-2; G=2•1.—"Black Lead,""Plumbago," Carbe with usually some iron (which however is not essential). Color black, lustremen lic, laminated (i. e. leaf-like plates) or granular. Leaves a metallic streak on papa Not attacked by acids. Occurs in irregular beds and pockets in limestone asi slate from Pisarinco, Lancaster, to Hammond River, Kings County, also at Dus barton Ridge, Charlotte County.

The St. John mineral has been mined at several places and used for stove polist and for lubricating purposes. A finer quality, not as yet found in New Brunsmond is used for making lead pencils.

## SULPHURETS AND ARSENIURETS.

[Sulphurets when heated give readily the stifling fumes of sulphur. Arseniured give off a white vapor with a garlic-like odor. The ores of this section mayter recognized by their behaviour before the blowpipe, \&c. Antimony gives whit fumes. Lead yields a bead of metallic lead. Zinc, with soda on charcoal exhibizi the peculiar bluish flame of burning zinc. Copper, with borax or soda, afford metallic copper. Mranyanese, with borax, gives an amethystine globule. Iron, wit the same flux, gives a pale green glass. Bismuthine melts in the flame of a cande all the minerals of this section except Blende have a metallic lustre. For metbad of using the blowpin ${ }^{\text {n }}$ and application of fluxes, borax, soda, \&c., (See Sec. 5 d the Introduction).]
5. Bisucthine.-III. $\mathrm{H}=2-2.5 ; \mathrm{G}=6.4-6.55$.-Sulphuret of Bismuth. Colat and streak lead gray. B.B. gives off white inodorous fumes, with a yellor deposit on the charcoal and is flnally volatilized. Occurs with other ores in a reis at the head of La Tête Harbor, Charlotte County. Bismuth is used in type metal plumbers' solder, mosaic gold, and fusible metal; and in the toilet preparatia called "pearl powder."
6. Stibnite.—III. H=2; $=4=4$.—"Antimony Glance," or Sulphuret of Ant mony. Color and streak lead gray ; often in bladed crystallizations (i.e. loys columnar plates). B.B. fuses easily, giving off copious white fumes, with a whith deposit on the charcoal and is at last volatilized. Important veins exist at Late George, York County, where there are several mines; and the mineral has bees found at other localities. Antimony is used in making printing type, Britannis metal, and in medicine.
7. Erubectite.-I. $\mathrm{H}=3$; G $=4$-4-5. "Purple Copper," Sulphuret of Copper and Iron. Color between copper red and pinchbeck brown. Tarnishes quicdry B.B. fusible to a globule, attractable by the magnet. In veins at Adam's Islact and La Tête, Charlotte County, and Martin's Hd., Goose Creek and Pt. Wolif, St John County. A useful ore of copper.
8. Galena.-I. $\mathrm{H}=2 \cdot 5-2.75 ; G=7.25-7 \%$. "Blue Lead,"Sulphuret ot Lead Color and streak lead gray. Cleavage cubic perfect, also granular. B.B. on cha: coal decrepitates (i.e. snaps or crackles) and finally yields a globule of lead. Occas at Campobello Island, La Tête, and Frye's Island, Charlotte County ; Norton and Upham, Kings County ; and Tobique River, Victoria County. This is the prindpal ore of lead and not infrequently cortains a considerable proportion of silver.
9. Buen Tolor from lone and ello and I he most a 10. CnA copper," S pasily, boi bimpson's Albert Cor bres of cof
11. Pyr buret of: Sightly at netic globe Same uses
12. PYR Color pale netic globr in reins ar olite it for: used for th
13. Mis phuret of arsenical f River, nea
14. Mor Color lead ible, Diss on Nepisig
15. Cha pharet of to a globu. bnife, and along the blined at ]
[When glass tube oxyd of ec flame if a
16. Coss or grayish. from brine
17. Flo Color whit altimately at Frye's 1 chester,

Behari the head o
18. Cur Color dull Dissolves Salmon R
9. Blende.-I. $\mathrm{H}=3 \cdot 5-4 ; \mathrm{G}=3 \cdot 9-4 \cdot 2$.—"Black Jack," Sulphuret of Zinc. folor from yellow through brown to black. Has a resinous look. B.B. infusible lone and with borax. Dissolves in nitric acid. Found at La Tête and Campobello and Frye's Island, Charlotte County, Quispamsis Station, \&c. This is one of he most abundant ores of zinc.
10. Chalcocite.-III. $\mathrm{H}=2 \cdot 5-3 ; \mathrm{G}=5 \cdot 5-5.8$.- 'Copper Glance," "Vitreous Copper," Sulphuret of Copper Color and streak blackish lead gray. B.B. fuses basily, boils and finally yields a globule of copper. Occurs at Grand Manan, Simpson's Island and Crow Harbor, Charlotte County ; Upper Salmon River, Albert County; and Dorchester, Westmoreland County. It is one of the principal bres of copper.
11. Pyrrhotine. -I. $\mathrm{H}=3.5-4 \cdot 5 ; \mathrm{G}=4 \cdot 4-4 \cdot 7$.-"Magnetic Pyrites," Sulbhuret of Iron. Color between bronze-yellow and copper-red. Speedily tarnishes. slightly attracted by the magnet. B.B. fuses, glows, and affords a black magretic globule. Found with copper ores at la Tête, and with galena at Campobello. same uses as the next species.
12. Pyrites.-I. $\mathrm{H}=6-6.5 ; \mathrm{G}=4.83-5$.—"Mundic," Persulphuret of Iron. Color pale yellow. Strikes fire with steel. (hence the name). B.B. affords a magnetic globule. This ore is very widely distributed and of frequent occurrence both in reins and disseminated through the rocks. In company with calcite and actinOlite it forms regular beds in the schists at Moore's Mills, Charlotte County. It is ased for the manufacture of sulphuric acid, green vitriol, alum and sulphur.
13. Mispickle.--III. $\mathrm{H}=55-6 ; \mathrm{G}=\dot{6}-6.4$. "Arsenical Pyrites, Arseni-Sulphuret of Iron. Color silver white, streak dark greyish black. B.B. affords arsenical fumes and then a globule which is magnetic. Has been found at Wawig River, near St. Stephen, and Sand Brook in Clarendon, Charlotte County.
14. Molybdenite.-VI. $\mathrm{H}=1-1 \cdot 5 ; \mathrm{G}=4 \cdot 4$-4.8.-Sulphuret of Molybdenum. Color lead-gray. Laminated; thin scales, very flexible, not elastic. B.B. infusible, Dissolves in nitric acid. Found in loose boulders near St. Stephen; also on Nepisiguit River,
15. Chalcopyrite.-II. $\mathrm{H}=3.5-4 ; \mathrm{G}=4 \cdot 1-4 \cdot 3$.—"Copper Pyrites," Sulpharet of Copper and Iron. Color brass-yellow, streak greenish-black. B.B. fuses to a globule which is magnetic. Distinguished from gold by crumbling under the knife, and from pyrites by its softness and deeper color. Found at many localities along the coast of Charlotte County and the eastern part of St. John County. Slined at La Tête. . This is the most abundant copper ore.

## FLUORIDS AND CYLORIDS.

[When fuorids are heated with salt of phosphorus previously melted in an open glass tube, the glass is corroded. A dull green bead, made by dissolving a little oxyd of copper in salt of phosphorus, becomes surrounded by a fine blue or purple ffame if a chlorid be added.]
16. Conmon Salt.-I. $\mathrm{H}=2 \cdot 5 ; \mathrm{G}=2 \cdot 1-2 \cdot 3$.-Chlorid of Sodium. Color white or grayish. Soluble. Taste saline. Snaps and crackles when heated. Obtained from brine springs at Sussex and "Salt Springs," Kings County.
17. Fluor Spar.-I. $\mathrm{H}=4 ; \mathrm{G}=3 \cdot 14-3 \cdot 2$. ""Blue John," Fluorid of Calcium. Color white, purpie or green. Phosphoresces on hot iron. B.B. decepitates and oltimately fuses. This mineral occurs on N. E. Branch of Magaguadavic River, atFrye's Islahd, Charlotte County; Upham, Kings County, and (Beach Hill) Dorchester, Westmoreland County. Used for the manufacture of hydrofluoric acid.

## OXYDS OF THE METALS.

[Behariour of the various metals before the blowpipe is described above under the head of "Sulphurets and Arseniurets."]
18. Cuprtie.-I. H $=3 \cdot 5-4$; G=5•85-6.15.—"Red Copper," Oxyd of Copper. Color dull red, streak brownish red. B.B. yields a bead of copper on charcoal. Dissolves in nitric acid. Found at Vernon Mine, St. John County, and Upper Salmon River, Albert County.
19. Magnetite.-I. $\mathrm{H}=5 \cdot 5-6.5 ; \mathrm{G}=4 \cdot 9-5.2$.-"Magnetic Iron Ore," $\mathrm{P}_{4}$ oxyd of Iron. Color and streak black. Strongly attracted by the magnet. B infusible. Found at Scotch Settlement and Springfield, Kings County. ; Dolit Loch Lomond, St. John County ; New River and Deer Island, Charlotte Coun A valuable ore of iron, and one widely diffused.
20. Hematite.-VI. $\mathrm{H} \bullet 5 \cdot 5-6 \cdot 5 ; \mathrm{G}=4 \cdot 5-5 \cdot 3$.-Peroxide of Iron. Coior sta gray to ochre-red. Streak dark brownish red to ochre-red. B.B. infusible. I varieties are:-

20a. Specular Iron. Specimens having a perfect metallic lustre. Found Musquash and West Beach, St. John County, \&c.
20b. Micaceous Iron. Specular Iron with a foliated structure. Found ath Tête, Campobello, West Beach, \&c.
20c. Red Frematite. A dull earthy looking compact variety. At Woodstos New Bandon, Dorchester ; and Black River in St. John County, \&c.
20d. Red Ochre. Soft and of a brighter color, contains clay. At Brighta Harvey, Blissville, Sussex, \&c.
20e. Jaspery Clay iron. A flinty variety of hematite. Wrest Beach.
20f. Clay iron stone. Similar to the last in appearance but not jaspery.
Hematite is one of the principal ores of irou.
21. Pyrolusite.-III. $\mathrm{H}=2-2.5 ; \mathrm{G}=4.8-5$. "Grey Manganese ore," Antry drous binoxyd of Manganese. Color and streak black. B.B. alone infusible; charcoal loses oxygen. This and the next species differ from magnetite (magné iron ore, in being softer; these are freqently fibrous, magnetite is not. Occurs Markhamville, Kings County; Quaco, St. John County; Bathurst, Glouceste County.

21a. Wal or Bog manganese an earthy variety found at Richibucto, Linole Fredericton, Woodstock, \&c.
22. Mangantite.-III. $\mathrm{H}=4$; $\mathrm{G}=4 \cdot 2-4 \cdot 4$. "Grey manganese ore," Hydma peroxyd of manganese. Color steel grey. Streak brownish black. B.B. alos fusible. Found at Markhamville and Tête-a-gouche River.

Manganese ores are used in bleaching, glassmaking, steel manufacture, \&c.
23. Lrmonite.- $\mathrm{H}=5-5 \cdot 5 ; \mathrm{G}=3 \cdot 6-4$. "Brown Hematite," Hydrous perory: of Iron. Color dark brown to ochre-yellov. Streak yellowish brown to ochrg yellow. Often fibrous with a mammillated surface, or massive, or earthy. Yieds water in a tube. B.B. Blackens and becomes magnetic and the yellow varietia turn red. The varieties are :-

23a. Brown Hematite. Massive and compact or fibrous. Salmon Rira, Queens County.
23b. Boy iron ore. Massive, more or less cellular. Found at Campobello, St: Stephen, Richibucto, Lincoln, \&c.
23c. Yellow Ochre. Earthy, of a bright yellow, contains clay. Found Brighton, Enniskillen in Petersville, \&c.

## QUARTZ.-(Silicic Acid.)

24. Quartz.-Vi. $\mathrm{H}=7 ; \mathrm{G}=2 \cdot 6-2 \cdot 7$. [This mineral varies greatly in colos and outward appearance. It is alvays present in granite and many other rocks and forms the principal part of the sand, gravel and boulders on the sea-shore. If may be recognized by its hardness, for it will scratch glass and turn the edge of 4 file. It cannot be split, and it does not melt before the blowpipe. It is not affected by acids. The hardness and absence of cleavage will serve to distinguish it in almost all its varieties. Some of these are the following]:-
I. Vitreous Varieties.-(Lustre of broken surfaces like that of glass, i. e. vitreous.)

24a. Rock Crystal. "White stone" of the jewellers, or pure crystals d quartz. Transparent like glass. Fonnd at Diamond Hill, Musquash; Mispec Barrens and West Beach, Simonds, \&c. At West Beach are lang green crystals coated and penetrated by chlorite. (37).
246. Milky glass
24c. Ferrus opaqu
II. Chalce

24l. Chalce transl loose: ledges
24. Carnel: Occur:
24f. Agate. Found
24y. Hornst Seams also or
III. Jasper

24h. Jasper: and po green 1
24i. Iydian of the

Rocks, comx
24j. Granul various Counts
24k. Sandstc used b:
241. Slicifed origina Chathe
Quartz is an es ths. The chal basalt and otz Rock crystal a: Ental work, au trk, \&c.
20. OPAL.-H: of the Introde line structure. fanswick:
23a. Chacolo 205 . Silicious Both found in
[Silicates along mestone. Thos pese minerals at aracters given tion sufficient hen heated.]

24b. Milky Quartz. Of a milk-white color. Massive and with the lustre of glass on broken surfaces. Very common.
24c. Ferrugenous Quartz. Similar to the last, but colored or stained by iron, opaque or nearly so. Red, brownish or ochre-yellow. Also very common.
II. Chalcedonic Varieties.-(Lustre glimmering like that of wax.)

24d. Chalcedony. Has the subdued lustre of wax, is either translucent or subtranslucent (though it includes milk white opaque varicties.) Found loose at Darling's Lake (Hampton) and Bellisle Bay, and in situ (i. e. in ledges of rock) on S. shore of Washdemoak Lake.
24e. Carnelian. A red variety of chalcedony, generally of a bright tint. Occurs with the last in the localities named and at Campbelltown.
24f. Agate. A variegated chalcedony, the colors in clouds, spots or bands. Found with the two former varieties.
24y. Hornstone. Allied to chalcedony, but with dull colors and more opaque. Seams are found at Crescent Lake, Portland, in red conglomerate and it also occurs with the chalcedonies of Kings County.
III. Jaspery Varieties.-(Lustre dull or earthy.)

24h. Jasper. Red, yellow, brown or green, compact, nearly or quite opaque, and possessing little beauty until polished. Common in veins of the hard green rocks of Musquash, Loch Lomond and Quaco in St. John County.
24i. Iydian stone or Touch stone. A black variety used for trying the purity of the precious metals. Found at Saint John, Black River, \&c.

Rocks, composed. chiefly of Quartz, are:
24j. Granular Quartz. A massive compact rock of a granular texture, colors various and dull. Portland, N. B., Grand Manan, Brighton in Carleton County, \&c.
24k. Sandstone consists of quartz sand cemented into a rock. A variety much used by stonecutters is Freestone.
24l. Slicifed wood is wood petrified by silica or quartz; it usually retains the original structure of the wood. Found at Saint John, Grand Lake, Chatham, \&c.
Quartz is an essential constituent of granite, gneiss, mica schist and other allied lys. The chalcedonic varieties are mostly found in vesicular cavities and veins. basalt and other trap rocks.
Rock crystal and the chalcedonic varieties are used in jewelry, jasper in ornaEntal work, and the commoner varieties for glassmaking, ornamental stonerith \& $\&$.
20. Opal. $-\mathrm{H}=5.5-6.5 ; \mathrm{G}=1 \cdot 9-2 \cdot 3$.-Silica, in its gelatenizing state (See Sec. of the Introduction). Colors, white, grey, brown, \&c. No cleavage or crysline structure. B.B. infusible. Two varieties have been observed in New tunswick:
2ja. Chacolong. Porcelain white, adheres to the tongue.
25b. Silicious Sinter: Porous, stalactitic, (see 53c).
Both found in trap rocks at Grand Manan.

## SILICATES.-(I. Anhydrous.)

[Silicates along with quartz are the principal constituents of all rocks except. mestone. Those which are most common are Nos. $2 \mathrm{f}, 27,30,31,36$ and 37. ase minerals are not so easily recognized as thosc previously described, but the aracters given for the different species will, it is believed, make their deternition sofficiently sure. Anhydrous silicates do not yield water in a glass tube: then heated.]
20. Pynonine.-IV. $\mathrm{H}=\mathrm{J}-6 ; \mathrm{G}=3 \times 23-3 \cdot 5$. -Silicate of Lime, Magnesia and Iron. Color various shades of green to brown and black, streak white to graj. Brittle. (For other characters see Hormblende). Several varicties occur :
$20 a t$. Diallage. Brown laminated, pearly. In serpentine at $\mathbb{S t}$. Stephen.
263. II!! 1 ersthene. Greenish black, cleavable, with the lustre of bronze. It Dolan's Lake, Simonds, St. Jolm County.
26c. Gieen Earth. Dark olive green, lining cavities of trap at Grand vonme
26d. Auyite or Pyroxine is an important constituent of the trap roci.s (doter ites), \&c., of Grand Manan, and also of those along the borders of theoad measures in Central New Brunswick.
27. Hornurende.-IV. $\mathrm{H}=5-6$; $\mathrm{G}=2 \cdot 9-3 \cdot 4$.-Silicate (? Jime, Magnes and Iron. This mineral very much resembles Pyroxine in appe rrance and comes sition, but has a different form of crystal. Hornblende is uften in six-sids prisms, with angles approaching $120^{\circ}$, or rhombic prisms of $1242^{\circ}$; while Pyroit crystals are commonly four-sided prisms near $90^{\circ}$ in the angles, or eight-sided prisu near $135^{\circ}$ at each angle. Both species are fusible before the blowpipe and havea uncolored streak. In color they range from white to black through grass-gnea and olive-green shades, and are distinctly cleavable; prisms, when broken lengh wise, often show a cleavage plane, or have a splintery look. The varities of Hes blende are:

2'ia. Tremolite, (Silicate of Lime and Magnesia). White or greyish crystail often in long slenderiblades, or grouped in columnar or radiate:l masis In the limestone rocks of Portland, \&c.
27b. Actinolite. Bright green bladed crystals, or columnar forms. The fibo or radiated crystallizations are named Asbestiform Actinolite. In veins $t$ trap rock at Sheldon Point and Manawagonis Island, near St. John, Jit ton, Kings County, Martin's Head, \&c.
2ic. Asbestus. Similar to the last but more finely fibrous. From the sur localities.
27n. Hornblenle. This name is confined to the dark green and black varietie and it may be in crystals or massive. At Indiantown in Portland, $n a$ Bald Mt. in Petersville, in Springficld, \&e. Hornblende is always preea in the rocks called Syenite and Diorite. The variety asbestus is uselid making fire-proof roofing and for lining fire-proof safes. The ancieri made cloth of it, and also wicks for their temple lamps.
2S. Garniet.-I. $\mathrm{H}=6 \cdot \overline{5}-7 \cdot \mathrm{~J} ; \mathrm{G}=3 \cdot 15-4 \cdot 3$. - Silicate of Alumina and In a Color red, brown, \&c., streak white. Transparent to opaque. Brittle. B.B. itis to a dark vitreous (i. c. glassy) globule. Small red crystals are found in mica schiz at Moore's Lake, Charlotte County. Used in jewelry.
29. Efidote.-VI. $\mathrm{H}=6-7 ; \mathrm{G}=3 \cdot 25-3 \cdot 5$. -Silicate of Alumina, Iime a Iron. Two varicties are known in Nīw Brunswick:
$\geq 9 a$. Pistucite (Silicate of Alumina, Lime and Iron), "Lime and Iron Epidota This resembles some varieties of Pyroxine and Hornblende, but mast distinguished by its peculiar yellowish green color; the crystals as columnar forms differ from those two minerals in having no very distiry cleavage, and in the absence of a splintery appearance in the fracter B.B. fuses on thin edges and swells up. Found in diorite rocks: Beaver Harbor and New River, Charlotte County; Clifton, Kiry County, and various points in St. John County.
296. Zoisite, "Lime Epidote" (Silicate of Alumina and Lime). Fibrous flas red masses are found with pistacite in a vein at Sheldon Point, Iancasa
30. Muscovite-V. Ha2-2.5; G=2•75-3.0.—"Common Mica," Silicate Aluminh Iron and Potash. Color white. grey, yellow, brown, \&c. Clasa parallel to the base of the prism very distinct, dividing it into thin shining lamin or plates, which are flexible and elastic. B.B. fuses on thin edges only. Onem at Moore's Mills, Charlotte County ; Land's End in Westfield, Brookville Stati: Simonds, \&c. Aica is used for doors of stowes and lanterns, and for prescriz
bjects for ther rocks
31. ORTI lumina al fistals or itreous, in rd anothe
forthocla graty. I ni cther r

31a.
3) Limp Alumima, xposed sur Eally a pl learage lik at) at ang gerithenc jiuent of a cut for C
33. AxdA is or.pear sims, imbl
34. Tour:
ed Iron, w.
lee with d
al Hormble rein of fel mite at C: tarlotte Cc
[Mest hyc nute on
as. Talc. wr white, Eitre rearl
at mate; w
35a. Ste Riv
stor
regi
3亏. Serre zier than I sinous. S1
eneoal scar raricties:
36n. $P_{r}$
lime
36\%. Cor
St.
36c. Chr
lust
3世N. Fes
bjects for the microscope. It is a constituent of granite, mica schist, gneiss and ther rocks.
31. Orminoclase.-IV. H $=6$; $G=2 \cdot 4-2 \cdot 6$. -"Potash Feldspar," Silicate of flumina and Potash. Color white, grey. flesh-red, \&c. Occurs either in tabular gistals or cleavable masses, never fibrous, but sometimes granular. Lustre fitreous, inclined to pearly. There is one perfect cleavage giving a smooth surface, ad another less perfect at right angles to it. B.B. fuses on the edges. Crystals forthoclase are to be had at Nerepis Station, Land's End and Clifton in Kings cuaty. This mineral is a constituent of granite, syenite, mica schist, felsite ai ctier rocks. It is used for the manufacture of porcelain, artificial teeth, \&c.

31a. Kuolin is the name applied to a clay that results from the decomposition of feldspar. It is ased for making porcelain and china ware. Found in the eastern part of St. John County, \&c.
313. Clay is mostly derived from the decay of feldspar rocks, and is usually composed of one part of alumina and two of silica; when iron is present the clay burns red.
§3?. Lamradorite.-V. $\mathrm{H}=6$; $\mathrm{G}=2.67-2 \cdot 76$. "Labrador Feldspar," Silicate Alumina, Lime and Soda. Colorgray, brown and dark greyish green; worn and xposed surfaces weather (Sce Sec. 4 of the Introduction) chalky white. There is pally a play of colors, blue, green, \&e., from the interior of translucent crystals. leave like orthoclase, except that the planes are inclined (not at right angles, A) at angles of $S 6^{\circ}$ or $114^{\circ}$. B.B. more fusible than orthoclase. Occurs with gersthene at Dolin's Lake, Simonds, and elsewhere. This mineral is a confiucut of labradorite-rock, dolerite, and other rocks. The translucent varieties a cuit for ornamental purposes.
33. Asdausure.-III. $\mathrm{H}=7 \cdot \overline{\mathrm{j}} ; \mathrm{F}=3 \cdot 1-3 \cdot 2$. -Silicate of Alumina. Color fleshai or pearl-gray. Tough. Nearly opacuuc. B.B. infusible. Long rhombic isms, imbedded in mica-slate, are met with at Moore's Lake, Charlotte County.
3s. Tourmaline.-VI. $\mathrm{H}=7-7 \cdot \overline{\mathrm{a}} ; \mathrm{G}-2 \cdot 94-3 \cdot 3$.-"Schorl,"Silicate of Alumina Eil Iron, with boracic acid. Color black, \&c., streak uncolored. Brittle. B.B. Ese with difficulty to a bleck slag, Differs from the black varieties of Pyroxine al Hornblende in having no cleavage or splintery look when broken. Occurs in rein of feldspar, mica and quartz, at Brookville Station, St. John County, also in raite at Clarendon Station, Queens County, and in quartz veins at Mcorc's Mills, Garlotte County.

## SILICATES.-(II. Hydrous.)

Whost hydrous silicates when heated in a tube yield water. For other characters ante on silicates under Anhydrous silicates.]
35. Talc.-III? $\mathrm{H}=1-7 \cdot 5 ; \mathrm{G}=2 \cdot 56-2 \cdot \mathrm{~S}$.-"Soanstone," Silicate of Mamuesia. Wor white, apple green to dark green. Laminated, lamina Hexible, aot elastic. Eitre pearly. Also compact. Greasy to the touch. B.B. loses color but does amelt; with borax forms a clear glass. The varicty :
35a. Statite or Compact Talc has been found at the Narrows of St. John River, and at Lily Lake, Portland; also at Woodstock. Steatite or Soapstone is used for fire-stoues in stoves and furnaces and for sinks, hot-air, registers, \&c. One variety is called Tailor's or French Chalk.
33. Serpentine.-III? $\mathrm{H}=3-4 ; \mathrm{G}=2 \cdot 5-2 \cdot 6$. Silicate of Magnesia (with more riter than Talc). Color oil green to blackish green. Massive and fibrous. Lustre sious. Streak white. Sectile. Gives water when heated in a tube. B.B. on encoal scarcely fuses on the edges. Dissolves readily in borax. The following "raricties:
36a. Precious Serpentine. Translucent and of a rich oil green color. In limestones of Lancaster, Portland and Rothesay.
30\%. Common Serpentine. Of a dull greenish black color. Near the town of St. Stephen.
36e. Clirysotile. A fine asbestiform varicty of an olive-green color and silky lustre is found at Pisarinco, Lancaster and Portland in precious serpentine. 3yl. Ferd Antique Marble is a mixture of carbonate of lime and serpentine.

37．Chlorite．－VI． $\mathrm{H}=2-2 \cdot 5 ; G=2 \cdot 65-2.85$. ＂Pipe Sione．＂Silicate ot Alumina，Magnesia and Iron．Gramulur and laminated，lamine not elastic．Culm dark green to nearly black．Sectile．Gives water when heated in a tube．B．B． on charcoal fuses to a globule，or on thin edges．A glass made with borax is colored green（by iron）when chlorite is added．Chlorite is found at Cliften Kings Co．，at New River，Beaver Harbor and Grand Manan，Charlotte Co．，and： various points in St．John Co．It was formerly used by the＂Indians＂of Ner Brunswick for making pipe bowls．

## Zeolites．－（Bomlingstones）．

［These are hydrous Silicates of alumina and some alkali－as potash，soda，lime， \＆c．，（magnesia is always absent）．They are not disseminated through the bod of a rock，but are implanted on the sides of fissures，or fill cavities in the rof They boil or swell up when placed in the blow－pipe flame．］

## Three species have a pearly cleavage．

3S．Hedlandite．－IV．$H=3 \cdot \overline{5}-4 ; G=2.2$ ．In flat six－sided or rhomboidi prisms．Color white，red，\＆e．
39．Stilbite．IV． $\mathrm{H}=3.5-4 ; \mathrm{G}=2-2.2$ In flat tabular pointed crystalsard sheaf－like groups．Color white，yellow，brown，\＆c．

40．Apophillite．－II． $\mathrm{H}=4 \cdot 5-5 ; \mathrm{G}=2 \cdot 34$ ．In flat rectangular prisms．Cde white to pale apple－green．

Three species have slender prismatic forms．
41．Thompsonite．－III． $\mathrm{H}=5-5 \cdot 5 ; \mathrm{G}=2 \cdot 35-2 \cdot 4$ ．In radiating crystha Color white．B．B．bubbles and becomes white and opaque．When porrderal gelatinizes in nitric acid．

42．Natrolite．－III． $\mathrm{H}=5-5 \cdot 5 ; \mathrm{G}=2 \cdot 17-2 \cdot 24$ ．In needle－like，usualit separate，crystals．Translucent．B．B．fuses quietly to a glassy globule．Fori a thick jelly with acids．

43．Scolestre．－IV．$H=5-5 \cdot 5 ; G=2 \cdot 2-2 \cdot 7$ ．In acicular，usually imbedded， crystals．Translucent．White．B．B．curls like a worm and melts to a shinits slag．

## Two species are granular when massive．

44．Avalcie．－I． $\mathrm{F}=5-5.5 ; \mathrm{G}=2.07-2 \cdot 27$ ．The crystals are trapezohs． rons（ $a, 24$－sided solid of which each face is a trapezoid）．Color white or bromish Gelatinizes in muriatic acid with difficulty．
45．Chabaztie．－II． $\mathrm{H}=4-4.5 ; \mathrm{G}=2 \cdot 0 \mathrm{~S}-2 \cdot 17$ ．The crystals are rhombobed rons（a 6 －sided solid of which each face is a rhomb）nearly cubic in form．Cola white，grey，red．

Une species whitens and crumbles after lengthened exposure to dry air．This is
46．Lacyonre．－IV． $\mathrm{H}=3 \cdot 5-4 ; \mathrm{G}=2 \cdot 3$ ．The crystals are oblique rhome： prisms．Color white to gray．Gelatinizes in nitric acid．

All these zeolites are found in the trap rocks（hard rocks similar to the lars ai volcanoes）of Grand Manan．Heulandite also occurs in trap at Newcastle ass Hampstead in Queens Co．and at Chamcook Lake，Charlotte County．Laumoniz is met with in a vein at Quispamsis Station，Kings County．

47．Premnite．－III． $\mathrm{H}=6-6.5$ ； $\mathrm{G}=2.8-2 \cdot 95$ ．Crystallized and masira Color pale green．This species is distinguished from the other Zeolites by its hard． ness．Found in veius in diorite（a hard dark green crystalline rock）at Cliftein Kings County．
4S．Cirrysocolla．－H＝2－3；G＝2－2．3．Hydrous silicate of copper（not： zeolite）usually an incrustation on other copper ores．Colur pale to bluish grea Translucent to opaque．Streak white．Brittle．B．B．Blackens on charcoal mit out melting．Gires a green bead with borax．Found at Upper Salmon Ritar． Albert County．
［A glass n risent（by blende have this list bished by $t$ 4．13 Ary 3aryta．Co faque． 13. frand Mana ed Shepody
©．Anhy： whor white， fes not exfc irialle ena Eypsum．
3．Curse ranular，fibt asonc face： trak white a powder
ila．s．
ill， $1 / 6$ lent slic．Sat ind．Fil ole．C＇on

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Carbonate新方．
23．Calcit time．This uiie casily s
mediate fro kiiklime．

## SULPHATES.

[A glass made of soda and silica becomes red or orange-yellow when sulphur is resent (by the addition of a mineral containing it). All the sulphurets except plende have a metallic lustre. Fience with this exception any unmetallir spocies this list containing much sulphut; must be a sulphate. Blende may be distinwished by the test for zinc (Sce Sulphurots).]
 paryta. Color white inclining to yellow, red, \&c. Ntreak white. Transparent to Fayue. B.B. Decrepitates and fuses with difficulty. Occurs at Swallow Tail, frad Manan, Fryes Island, Charlotte Co., and with Manganese at Markhamville ed Shepody Mountaiu. This mineral is largely used in the manufacture of paint. :0. Anhydrite. -III. $\mathrm{H}=3 \cdot-35 ; \mathrm{G}=2 \cdot 9-2.96$. - Anhydrous sulphate of Lime. Wor white, grey, bluish and reddish. Streak greyish white. B.n. Whitens but bes not exfoliate, (i.e. open out into leaf-like layers) and finally is covered with iriable enamel. In beds with gypsum at Millshorough, Albert Co. Same uses Ejpsim.
 franlar, fibrous and compact. ('olor usually white; also grey, brown, de. Lustre nsome faces (of crystals) pearly; when massive the lustre is glistening to dull. trak white. B.13. becomes opaque white, opens out into leaf-like layers and falls ha powder which, if moistenell, soon becomes solid and harel. The varieties are:
illa. Srlenite. 'Irmsparent crystals. In the mad of a spring at Sussex.
ill. Alubdester. The massive varieties of fine grain and pure color. Of excellent quality at Fillsborough, Albert co.
ilc. Satin Spar. Translucent fibrous rariety. Albert and Wrestmorland Cos. ild. Fibrous G'ypsum. White fibrous variety. Albert and Westmorland Co's. ole. Common crupsum. The massive and impure varieties of a dull color. Extensive beds of gypsum are found in Albert, Westmorland and Victoria Counties. Plaster of Paris is gypsum rock, calcined and ground, and has various uses in the arts. The uncalcined plaster is extensively used for improving soils. Alabuster is cut into vases and ormaments, and Selenite. is usel for optical instruments.

## PHOSPHATES.

jo. Vivinite.-IV. $\mathrm{H}=15-2 ; \mathrm{G}=2 \cdot 66$.-Color bluc. Streak bluish. B.B. ces to a dark brown scoria or slag that effects the magnetic needle. Affords ter in a glass tube. Dissolves in nitric acil. Occurs in clay at Quisabis River, adamaska County.

## CAMBONATES.

CGarbonates effervesce with dilute muriatic acid and more briskly with strong : $: 4.3$.
 me. This mincral is next in abundance to quarty and as varied in its aspect. A wiie casily scratches it. and a drop of dilute nitric or muriatic acid produces an mediate frothing on its surface. B.B. gives an intense white light and burns to kislime. The sparry varieties are-
33n. Iceland Spar:. Transparent crystals. These exhibit the property of double refraction, which calcite possesses in an eminent degree. Objects seen through a crystal of this spar, held in a certain position, seem double. Large crystals have been found at Belledunc, Gloncester County. Iceland spar is used in optical instruments.
ioul Calcarcoits Spar or cale spar has a raricty of crystalline forms such as "nail-hend spar," "dog's-tooth spar" and the hexagonal prism found at Fort Howe Hill, lortland, and Lawlor's Iake, Simonds; and simpie and modified rhombohedrons found at Markhamrille, Kings County, and ( ioose Creek, Saint John County.
i3r. Shaluctite and Stalagmite. Icicle forms produced by the dripping of calcareous water from the roofs to the floors of caverns. Dipper Harbor and the cares of Portland, St. John County, are localities for these varieties. Used for ormamental work.
ishl. Grumular Limestone or Marble. A massive crystalline rock: Found Lancaster, Portland, Canterbury, Brighton, \&c. Statuary and otes crystalline marbles are included here.

## Ihe carthy varieties are:

isis. Compact Jimestone. Of dull grey, bluish, brown and black colors 4 dull hastre. It is of common occurrence. Fxtensively used in the mase facture of lime.
533f. J!ylroulic limestone is largely composel of silicia and alumina (clay) ax magnesia. Occurs in beds in Albert County and elsewhere. Uselia the manufacture of hydraulic cement.
isig. Aguric Mineral. A loose friable variety deposited from the water e caverns. Caves in Portland, St. John Comity.
:33h. Alarl. A mixture of carbonate-of-lime and clay, found in lakes and marshy land, and due to the decomposition of the shells of fresh wata moluses, (water snails, \&c.) Found at Lawlor's Lake, St. Jolm Country at Bathurst, \&c. Used as a fertilizer.
 white, yellowish or greyish. B.B. infusible. Dissolves slowly with little cife rescence in nitric acid. Occurs with serpentine in Portland and in magneiz schist at West Jeach, Simonds. Used in the manufacture of Epsom Salts.
 nesia. When in crystals the faces of the erystals are usually curved. Colorasi calcite. Prittle. 13.13. acts like calcite. Solulle in acids, but more slowly the calcite.

## The rarieties are:

inace. Dolomite. White crystals and massive granular kinds. Found at Por land, Frye's Island, Kars, Kings County, and Grand Manan.
5.il. Pearl Spar: Crystals with curved faces and pearly lustre. Musquas Harbor and Markhamille.
-iac. Brown Spefy. Contains at to 10 per cent. of oxyd of iron and has a ras look when exposed to the weather. Fount at Taylor's Island, In: caster, and Leprean Basim.
 Lime from dolomite makes a more danble cement than that from comme limestone.
5i. Chalimite. - VI. $-\mathrm{I}=3: \overline{7}-4 \cdot \overline{5} ; \mathrm{G}-3 \cdot 7-3 \cdot 9$. "Spathic or spary iron ore' Carbonate of Iron. Color ash grey to brown, faces of crystals often curved. Strad white. Brittle. B.B. blackens and at last yields an oxyd of iron attractable b the magnet. Colors borax pale green. Dissolves with diffenlty in nitric acid, ad scarcely effervesces unless previonsly pulverized. Occurs at Petersrille, Quea County and (irand Manan, Charlotte County.

Jia. Cillum irom stone is an carily varicty occurring in nodules and seansit conl measures. Found at Dorchester, Noweastle, Grand Lake, ic. 1he this and the sparry varicty are used for the production of iron.
57. Malachite.-VI. $\mathrm{H}=3 \cdot \mathbf{5}-4$; $\mathrm{G}=-3 \cdot 7-4$. (ireen carbonate of copre Color bright green, streak paler green. B.I. yields water and blackens. ©: charcoal fuses, giving a globule of coppex. Dissolves withont effervesence in acizs Found at Simpson's Island, Charlotte County, and at Martin's Head and Gow Creek, St. Johm Cominty, and at Bathurst in Gloncester County. Smelted mit other copper ores, and some varieties are used for ornamental work.

## ORGANIC COMIPOUNDS.

jS. Bitcmen-(A hydrocarbon). Liquid to solid. Dark brown to black in coke Intlammable. Three varicties are found in New Brunswick.
is'a. Asphenlum, or mineml pitch. At Aycr's farm, Fetitcodiac.
iSt. Melllia, or mineral tar. it Godie's farm, Petitcodiac.
iJs. Petroleum, or mineral oil. -it Aycr's farm, Petitcodiac.
Used for making burning and lubricating oils, rarnish, \&c:
dids, action of, stinulite, $2 \pi /$. coste, $\quad 2 \mid f$. caric Jlineral, 53 fihertite, $3 c$. thlaster, 516. Luthracite, $3 a$. utimony Glimee, adalusite, 22 Lualcime, 4.4. dungrite, 50. jophyllite, 40 . henical lyrites, dbestus, 2 ic: sphaltum, 5 se. nijitc, ebil.
sintes, 49. itumenous Coal, snuthine, 5. tramen, 5 S . 3uplipe, behaviot minerils $u$
*ude, 9.
yine Lead, s.
pask Jack, 9.
buck lend, 4.
Bre John, 17.
 dins Stones, 33romi Hematite, 2 mam Spar, $55 c$.
cunnel Cu:l, 3i:
anclian, 3 te.
tybomates, $53-57$.
Mlite, 53.
darivis Spur, ت̈ $l$
therry Conl, 3 c .
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halybite, 56 .
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## REFERENCE SUMMARY.

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Native Elements, 1-t.
Natrolite, 4 ㄹ.

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Peat, $3 f$.
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Quartz, ㅇ.

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## IEACHERS' INSTITUTES.

The Chicf Superintendent regrets that he has found it impracticable to provide for extended notices of the transactions of the Ammal Meetings of the Count Institutes.

Albent Coustr Institcte. - The fourth amual mecting was held at Hopewen Hill, on Septemte 1st and 气nd, 1SSl. Committco of Manarement: Wm. J. Jones, (President) ; Ralpht Colpitts, (like President); J. 'ruem:m Stecees, (Seretary-Trcaswer); Josephine Kinnic ; Mary J. Stete The next meeting is to be held at Elgin, Scptember oth and'sth, 1 ss?.
 Woodstock, July Th and Sth, 1ssl. Committec of Manarement: Inspector W. G. Gaunce, A. (P'resident) : R. W. Grover, A. B., (Vice-President); E. W. Stevens, (Sccretary-Treesurco'); is Fankner; Mary Miller. The next meeting is to be hed in Woodstock, Scptember 7 th and Sth, 1 : $:$
 House, St. Stephen, July 7th and sth, 1ssi. Committee of Mamasement : Inspector I. B. Uake, ${ }^{1}$ 13. ( $P$ 'resident); David Main, (Fice-P)resident); James D. Lawson, (Secretary-Treasurer); A.iil Wilkinson, A. B. ; Melvin Youns.
Gloocester Cocity Institcte.-The amnal meeting took phace at the Sehool House, Chitw June 2srd and $\underset{\sim}{ }$ ith, 1881 . Cummittec of Manasement: Inspector $V$. A. Iandry, ( $P^{\prime}$ resident) Blanclard, (Iice-President); G. W. Mersercau, A. B., (Secretary-Tretsurer); Mise Bums, 0.6 Carruthers. The fifth amual meeting is to be held in the School Hiouse, New Bandon, in June, lis
 Committee of Manarement. (i. A. Coates, (President); D. W. Gillies, (lice-President); C i Coperthwaite, A. 1., (Secretarm-Trectester); Miss McDousall; Miss Mary Chrystal. The ife mecting will be held at Kingston, on the Thursday and Friday immediately preceding the Sunm Vacation 18s".
lings Colity Institute. -The fifth ammal meeting tuok place in Victoria Hall, Sussen, Juh a and Sth, ISS1. Committec of Management: Inspector D. I. Wetmore, ( ${ }^{\prime}$ 'resident); J. II. Wint (Vice-J'resident); F. H. Hayes, (Secretary-Treasurer); E. Puddington; J. W. Hiekson. The ie meeting will be lield at Hampton, on the Thursday and Friday immediately preceding the Sumber Vacation, 185 ?
 Harkm's Aculeny huildins, Octuber, 1881 . Committee of Mamarement: Inspector Philip Cox, 13., (President); C. M. Hutchison, (Vice-President); Charles G. D. Roberts, M. A., (Scretan Treasurer) ; Jancs McIntosh; Miss K. M. Williston. The sixth annual meeting is to be hed Chatham, on the Thursday and Friday immediately preceding the Summer Vacation, 1 es?
(aceras Cocsti lastitute -The lnstitute met in amual session in tho Temperance Ifall, Namut Cambridge, January 27 th and 2 Sth, 1SS1. Committee of Manargement: Inspector 1). P. Wetary (President): L. J. Flower, (İce-Presulent); T. William l'erry, (Secretary-Treasurer); T Smith; A. MeDonald. The next mecting is to be held at Lower Jemseg, Sehool District Su Cambridge, on February 9 th and 10th, 185 -

Rusigotche County Instituten -The fifth amual meetins was held at Dalhousic, July iths sth, 1ss1. Committee of Management: Rev: Thomas Nicolson, (President); Inspector lhilip Cs A. B., ( Fice-President); J. M. Palmer, A. B., (Secretary-Treasurer); W. Firth; Nancy lobius The next meeting is to be held at Campbellton.

Sanst Joun Coumty Insfitute. - The fuurth ammal mecting was comened m the Hall of the it: toria School Buihding, St. John, Julh zth and Sth, iSSI. Committec of Manawement: Inspector IT Dole, A. B., (President); Wm. M. MreLean, (Vicc-President): John Lawson, (Sccretary-Trcasura Danicl O'C. MeGinnis; Gmee Murphy. The fifth annual mecting will be held at the same place the Thursday and Friday immediately preceding the Summer Vacation, 188.

Sunburr Countr Institute -The fourth amual mecting was held at Sheffield Academy, Sepea ler 1st and $2 n d, 1851$. Committee of Manarement: luspector J. B. Oakes, A. B. (presidait Bessic Bridges, (Vice-Presilent) : Geo. II. V. Bulyca, A. B., (Secretary-Trcasurer); S. II. Estabrould C.T. MeCutchem. The next meeting is to be held at Fredericton Junction, on September itha ith, ISS․

Westmormband Culnti Institutp.-The amual meeting of this Institute was held in Lingley lis Sackville, May leth and 13th, 1831 . No report has been received from tho Secretary

York Countr lnstitute-The annual mectiag was hold in Temperance Hall, Fredericton, Scpad ber 13th and listh, 1 ssi. The Soeretary's Report has not been received.

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marr Sthowl Rnes - (i. Gaunce, A. $y$-Trecsurer); is or 7 th and Sth, $1: 3$ fark Street Sibu :ctor I. B. Oake, -Tecasurer); an
ool House, Cliin Yi (President) Mise Burns, j. ndon, in June, is
$y$ th and sth, ins e.Prasident); C I thrystal. The e ? ceeling the Sunm
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1 Academy, Sypac A. 3. (jircoiden) -) S. in Estabroud 11 Septemberöth a
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OFFICIAL NOTICES.

No. 1.
ORDEH OF THE ANNCAL VISITATION OF SCHOOLS AND DISTRICTS BY THE INSPECTORS OF SCHOOLS.

## Insiectorme District No. 1.-Philip Cox, A. B., Inspector:

To be cisited during the Winter T'erm, beginning November 1st:-The schools and districts in the grishes of Blackville, Blissfield, Ludlow, (Derby; Nus. 2, 6 and 7 , Newcastle, Alnwick, Chatham, herthesis ; and Nos. 1t, 5 and 0, Glenelor.
To be visited during the Summer Term, beyinning May 1st:-The schools and districts in the hnshes of South Esk; Gleuelr (except Nos. 1!, 5 and (6); Neweastle (except Nos. 2, 6 and 6); fison, Hardwick, Heresford, Durham, Colborne, Dalhousic, and Addington.

## Inspectoral Distmet No. 2-F. A. Landry, Inspector:

To be visisted during the Winter Term, begimning November 1st:-The schools and districts in the grishes of Weldiord, Harcourt, St. Louis, Carleton, Acadiar ille, St. Mary's, Dundas, and Sbediac.

Tobe visited during the Summer Term. beqinning May 1st:-The schools and districts in the Grshes of Saumerez, Inkerman, Shippegan, Caraguet, New bandon, Bathurst, Richibucto, and felington.

Insiectoral District No. Z.-Gicorge Sinith, A. B., Inspector.
To be visited during the Wiater Term, beginning November list:-The schouls and districts in the hrishes of Alma, Harvey, Hopewcil, Hillsburo, Coverdale, Elgin, Salisbury, and Moncton (except is 3, 20 and 27).
To be cisited during the Suminer T'erm, U'ginning May 1st :-The sehools and districts in the trishes of Moncton, viz, Nos. 3,20 , and 27 ; Dorchester, Sackille, Westmorcland, and Botsford.

Insiyctoral Imstrict No. 4.--J. I. Wetmoec, Inspector.
To be risital during the Winter Teme, beginning November 1st: -The schools and districts in the Culy of Kings (encent thuse in the Parishes of Greenwich, Westield, Hothesay, Upham, and Hampad, uthich are all embraced in Inspectoral District No. .i); the Parish of Wickham ; and Nos. 11, ${ }^{3} 13,1 t, 15,16$ and 17 in the Parish of Johnston.
To be cisited during the Sumner Term, beginuing May 1at. - The schools and districts in the anty of Queens (except thos" specified above for the Wintel 'remm); and the Parish of Clarendon.

## Inspectoral Distmet No. 5.-m. W. Dole, A. B., Inspector.

Io ecerisited during the IV"inter Term, beginning Xocember Tit:- The schools in the Town of Port--n; the City of Saint John ; Nios, 1, 2, 3, and 19 in the larisn of Simonds; and Nos. 1, 2, 3, 14, 15, adic, in the Parish of Iancister.
Tobe risited during the Summer Term, beginning May 1st. The selouls and districts in the tush of Lameaster (except Nios. 1, 2, 3, 14, 15 and 1(i) ; Musquash, Saint Martins; Simonds (cxeept ive $1,2,3$, ami 10); E゙phan, Hammund, Westfeld, Greenwich, and Ruthes:r.

## Insibetorial District No. 6. - Ingram L. Oakes, A. D., Inspector:

To le risital during the Winter Term, beginning Nouember 1 st:-The schools and districts in the hishes of St. Stephen, Dufferin, St. Croix, and St. Andrews; school districts Nus. 1, 3, 4, 5, 6, 7 Wi, I, ' in the Parish of Dumbarton, and School district No. 1, Drish of St. Patrick; all School sricis in the l'arish of St. David, except No. 4! ; School dist. atts Nos. 1, 3, 11, 12, 13, 14 and 16 in ix laish of St. Gcorge ; School districts Nos. $3, s, 9,10,15,14,15,16$ and $1 s^{\prime}$ in the Parish of St. ties; and the towns of St. Stephen and Milltown.
Tobe cisited during the Summer Term, beginning Mey 1st.-The schools and districts in the Garty oi Sunbury; the Parishes of West Isles, Campobralo, Grand Manan, Pemnfield and Lepreaux:

district No. ${ }^{4} 5$ in the Parish of St. David; School districts Nos. ${ }^{2}$, 4, 6, 6, 7, 8, $0^{\star}, 10,15$ and $18{ }^{\prime}$ the Parish of St. Gcorge ; School districts Nos. 1, 2, 4,5, 7 and 17 in the Parish of St. James. in districts marked with an asterisk embrace parts of two or more Parishes.]

Inspectonalt Distaict No. T.-Eldon Mrellin, A. B., Inspector:
To be visited during the Winter Term, beginang Novenber 18t:-The schools and districts int Parishes of Kingselear, Manners-Sutton, Queensbury, Suthmupton, Northampton, Brighten, Pö and the City of Fredericton.
I'o be visited during the Stumer Term, beginning May 1st:-The Schools and districts ine parishes of New Maryland, Prince William, Dumfries, Canterbury, North Lake, Bright, Douta Stanley, and St. Marys.

Insirectoral District No. S.-W. G. Gaunce, A. B., Inspector:
To be visited during the Winter Term, bevinuing November 1ot:-The schools and districts in e Parishes of Wakeficld; Nos. 9, 10 and 12, Wilmot; St. Francis, St. Hilaire, St. Jacque, Madarse lient, Wiekluw (except Nos. 13 and 14), Simonds, and Wuodstock.
To be visited during the Summer Term, beginning May 1st:-The schools and districts in 4 P'arishes of Wimot (cxeept Nos. 9, 10 and 12); Wieklow, viz., Nos. 13 and 14; St. Leonard, St. DSt. Basil, Aberdeen, Drummond, Grand Falls, l'erth, Gordon, Lornc and Andover.

## No. 2.

## SPECLAL AID ${ }^{\prime}$ TO POOR DISTRICIS.

Explanamoss.-1. The List of Poor Districts is revised ammually by the Chief Superintenden Sume districts will require special ad for a year, some for a longer period, and others permanent!.
$\because$. The Districts mamed belus are hereby notified that a portion of them are to receive speciate to Octuber $31,1 \mathrm{~S} 2$; and a pertion te April $30,1 \$ 3$. Those which receive their anmal visituz from the Inopectur during the Summer Term (see "Official Notice Nu. 1 ") belong th the former en while thuse which receise their ammal visitation from the Inspectur during the Winter Term, betme to the latter.
3. In Districts murked with an asterisk ('): 'The Teacher will receive one-guarter extra Iroviom (irant on bomus and on class of license (whether third, second or first), and the Buard of Trustest the rate of $\$ 10$ a Yean extra from the County Fund.
 on bonus and on Thind Class (whatever the class of license); and the Board of Trustees one-the: cxtris from the Cominty Fund.

In Distriets marked with an asterisk enel a dayger ( $\dagger$ ) : 'The 'Teacher will receive one-puark extra Provincial Grant on bonus and on Third Class (whatever the class of license); and the Be: of Trustees at the rate of $\$ 10$ a lisak extra from the County Fund.

In Districts not marked as above: The Tracher will receive one-third extra Provincial Grante bonus and on class of license (whether third, second or first); and the Board of Trustees one-fhri extra from the County Fund.
4. The extra Provincial aid paid to Teachers emplojed in your districts will enable them: contract with the Trustees at a less rate of lucal salary, while the extra County Fund paid to tis Trustecs will aid them in providing a School for the whole year. It is practicible for poor di tricts, under the abute provisions, to have schouls open, 3 ear in and y ear out, as regularly as ctite districts.

## Albeat Colity.

[ Sec Explanations at the head of this Notice.]
Parish of Almet: Guose lincer, No. 1 ; Mastings, No. 3 ; Bemnet Road, No. 4 ; Sinclair Hill, Aue. New Ireland. No. T; Hebron, No. S; MeFraden, No. 9.
Parish of Cocerdale: Niagara, No. 6; Turtle Creek, No. 7; Nixon Settlement, No. 12.
Parisk of Elgin: Pollet liver, No. 1; Swift's Settlement, No. 4 ; Churchill, No. $\overline{5}$; Lake, ,u : Mollin, No. s; Mapleton, No. 10 ; Highland, No. 15 ; hiver Vale, No. 16 ; Graves' Settlemei No. 18.
Parish of Harcey; Shepody Road, No. 6; Dom, No. 7 ; Brookville, No. S; Tingletown, Siw West Liver, No. 10 ; Lumsdon, No 11 ; Mome Gideon, No. 13.
Jarish of Hillsberv: Osbome, No. S; Rosevale, No. 13; South Hillshoro, No. 15.
Parish of Hoperell: Mcmel, No. 4 ; Xidye, No. 0.
Carleton Counts.
[See Explanations at the head of this Notice.]
P'aiish of Abcriecn: Nos. 9, 3, 13, 14, 15, 17.
Parish of Brightom: Nos. 6, $11,15,10,17,19$.
Parish of Kent: Nos. 5, $\overline{7}, \stackrel{s, 0,11,12,13,17 .}{ }$
Parish of Northampton: Nos. 7, 8, 0.
Parish of Richmond: No. 1 .
Parish of Pecl: Nos 4,5 , 6 .
Parish of Wakeficld: No. 13.
Parish of Wilmot: Nos. $2,3,13,14,15,17$.
Parish of Woodstock: Nos. 1), 11.
Pariol of Wichlow; Nos. 3, S
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# [ x ] <br> ${ }^{*}, 10,15$ and $18^{\circ}$ \& St. James. in 

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## Cllarlotite Counity.

## [See Explanations at the head of this Notice.]

arigh of Grand Manan: Fog Whistle (North Head) No. 1; Two Islands, No. 17; Cheney Ysinad, No. 8.
urish of Lepreaux : New River Mills, No. 4.
anish of Dunibarton: Tryon Settlement, No. 4; Sorrel Ridge, No. 5.
urish of Pennfield: Black Harbour, No. "5; Bayside, No. © (and Yepreuter).
mish of St. David: Dickic Settlement, No. 2 ; Smith Settlement, No. 7; Man's Mills, No. -4? (and St. Jumess).
Irisk of St. Gicorge: Breadalbane, So. $\dagger 3$; Lee Settlement, No. $\overline{\text { I }}$; Somerille, No. S; led Rock, No. 9; l'omroy Bridge, No. St ; liscaharan, No. 10 ; Caithness, No. "11; LEtant, No. 115.
arikh of St. Jamex: Anderson, No. $\dagger 4$ : Meredith, No. 5; Basswood Ridge, No. S; Canoose, No.
11 ; Little Falls, No. 12 ; Gleason lioad, No. 13 ; Bowery, No. 17 ; 13eaconsfleld, No. 10.
arish of St. Patrich: Linton, No. 3; Mcalinn, No. t4; Roi. ${ }_{2}$ No. ${ }^{2} 9$; Dig. Mills, No. 10.
unish of St. Stephen: Burnt Hill, No. 4k; Heathland, No. to.
arish of West Isles: Indim Island, No. 1 ; North Harbour, No. †62; Lamhert's Cove, No. 6.

## Gloo:cebter Cocists.

## [ See Explanations at the head of this Notice.]

unish of Jathurst : Tide IIead, No, 3; Upper Tettarouche, No. 4 ; Middle River, No. 6; St. Amms, So. 7 ; Kinsale, No. 15 ; Kinsale, No. 10 ; Miramichi Road, No. 11 ; Bass River, No. 17 ; Nepisiinit, No. 15.
Winh of Deresford: Dumfrics, South, No. Tit (and Bathurst); St. Louise, No. 8 : Dumfrics, North, No. Sl ; Nigadoo, No. 9 , Rosette, No. 11 ; St. Jerome, No. 12 ; Little Elm Tree, No. 13 ; Little Elin 'lice, West, No. 131 ; St. Lawrence, No. 14.
arish of Nero Bandon: North Maisomette, No. 1; South Maisonnette, No. 2; Waterlon, No. 3; Grand Anse (2nd. Concession) No. इ; Black Nock, No. $7 \overline{7}$; Canobie, Niu. 10.
arish of Caraquette: Little Pass, No. 1 ; Carayuette Portare, No. 3; St. Simon, No. 4 ; Little River, No. 6 ; Cpper Caraquette (end Concession) No. $\dagger \mathrm{S}$; Sunth Branch, No. ty.
arish of Inkerman Tho Creek, No. 1 ; Rubicheaud s Island, No. 3 ; Purtale, No, is; Pokemouche Ferry, No. $\dagger 6$; Paquetzille. No. 19 ; Paquetville, No. $\dagger 10$; Green Point, No. 8.
arish of Saumarez: Trout Brook, No. 4 ; Seal Brook, No. $\overline{5}$; St. Isidore, Nio. 7 ; St. Isilore (2nd. Concession) No. 7.
arish of Shippegan: Rubichaud Village, No. 3; Abram Village, No. 3k; Grand Lake, No. 4; Upper Ameque, No. $4!$; Pidgeon Hill, No. +5 ; Alexander's Point, No. ${ }^{\wedge} 0 k$; Little Ameque, No. 7 ; Little Shipperan, Nu. S; Little Hiver, No. S! ; Miscuu, South, Niv. 9 ; Miscou, North, .o. tio.

## Chart Countr:

## [ Sce Explanations at the head of this Notice.]

 So. $t$; Railw:ly Bridec, No. t.
arid of Carleton: Month of Kouchibouguas, No. t2 ; Kouchiboumuas (above Mills) No. $\dagger 4$; Lake, No. 16 ; Flamagon's, No. 63 ; Portage River; No. 77 ; Cape Sable, No. "s.
arish of Dundas: Landry; No. 2t; Hay's Settlement, No. $\dagger$; ; Cocagne Cove, No. 9 ; Trafalgar, No. 110.
arih of Harcourt: Lake Stream, Nu. 1; Little Forks, No. 3; Dimis Furks, No. $\dagger 4$; Railway, No. 16 ; Coal Branch, No. 17 ; Birch Ridge, No. 8.
onish of Richibucto. Gisppereau Crech, No. $\dagger 3$; Lawson, Nu. 9.1 ; Mill Creck, No. 9.
dizh of St. Louis: Guimond, No. 1; Cameron's Mill', No. 15 ; 'Upper Northwest, No. 8 : Lake Road, No. 19; Mouth of Kouchibouiguasis, सo. $\dagger 10$; Babinault, No. 11 ; Butler's Brook, No. 12.
(anizhof St. Marys: Tront Brook, No. S; Dollard Settlement, No. t4; Colict Scttlement, No. t5; McLean Settlement, Non. 16; Peulerin Settlement, No. 7; Bishop;s Land, No. S; Bishop's Land, No. 9 ; Rhomboid, No. 11 ; Rhomboid, No. 12 ; Girouard Settlement, No. 10.
arihl of Weldforl: Main River, No ty, Murphy, No. - 5 ; I Iouisbourg, No. 6; French Settlement, Nn 7 ; Spring Brook, No. 11 ; Bir Cone, No. 13 ; Melanmhlan Road, No. 118 ; Caman, Nio. 20 ; Colcbrook, No. $\ddagger 21$; Culvert, No. 122; Lorne Settlement, No. 23.
arish of Weilington: Littlo River Bridre, No. 4 ; Dinon's Point, No. 5 ; Noel Creck, No. tG; Bay District, No. $\dagger 7 \frac{1}{2}$; Thibedenult, No. $\dagger 12$.

## Kinas Colity.

## [See Explanations at the head of this Notice.]

arih of Cardtell: Upper Sussex, No. 2; Goshen, No. 4 ; Pollet Lake, No. i.
drith of Ilammond : Shepody Road, No. 2 ; Saddleback, No. 5 ; Martin's Head Road, No. 7.
arith of Davelock: Creek Road, No. 6 ; Salem, No. 11 ; 'Thome Settlemont, No. 14.
drich of Kars: Eastern Kars, No. 4.
arihh of Kingston: Lons Island, No. S: Midand, No. 9; Walton's Lake, No. It.
arich of Norton: Guthrio Road, No. 10; Middleton, No. 11.
farith of llothesay: Westmoreland Road, No. 1 ; Forrester's Cove, No. 6.
drith of Springfiele : Crompell Hill, No. "t6; 'Spraguc's Brook, No. "t13; Old lingston Road, 10. " +14.
arioh of Sussex: Salt Springs, No. 3; Mill Brook, No. 14; MeCain, No. 1.5; Erb Settlement, No. 12.
arith of Studholmt : Dingley Couche, No. I; Northup, No. 2; Kicohan, No. 6 ; Jordan Mountain, Sio. 7; Isaac Slıarp, No. t14; Bumne?, No. *t22; Riverbank, No. "t26.

Parish of Upham: Primrose, No. 2; Conner Settlement, No. 25 (and St. Martins.) Parish of Waterford : Philmunro, No. 1; Wolf Lake, No. 3; Donegal, No. 4.
Parish of Westjeld; Gmud Bay; No. 1 ; McGovern, No. 4 ; Cheanic, No. 5 ; Limd's End, Su, Kemebecasis Island, No. '; Mikish, No. 10; Sea Dog Cove, No. 11.

Madavaska Cousts.
[See Exjlanations at the head of this Notice.]
Parish of Mfadazaska: Nos. 2, 3, 4, 5.
Parish of St. Amm: Nos. 2, 5, 6, 7.
Parish of St. Basil: Nos. ( $0,8,0$.
Parisle of St. Francis: Nos. $1,5,6,7,8,9,10,11,12$.
J'arish of St. IIthire: Nos. 5, 6, 7, 8.
farish of St. Jacque: Nos. 1, 2, 3, 4, 5 .
l'arish oí St. Lconard : Nos. $1,{ }^{\prime} 5,7,5,9,10,11,12,15,10$.

## Northumberland Cousty.

[Sce Explanations at the hend of this Notice.]
Parish of 1 llnwich: Oak Point, No. ${ }^{-1}$; Morrison's, No. tly ; New Jersey, No. ${ }^{2} 2$; Neguac, $;$ Tabusintac (North Side) No. 6 ; Johnston, No. 'Siz ; French Cove, No. 9 ; Portare, Nio. 11 Fair Isle, No. 12.
Parish of Blackville: Kieenan, No. S ; MeDomald, No. S! ; The Forks, No. 0 ; Otter Brook, No. le
Parish of Blissficld: Momn's, No. 1 ; Cain's liver, No. it; Jamford, No. :
Parish of Derby: Elm Tree, No.
Parish of Gilenclg: Black River, No. 1; Black River 12oad, No. 2; Weldfield, No. :3: Lubr Napan, No. $;$; Point Au Car, No. 6 ; Graham's Mills, No. 'si ; Powers, No. 10.
Pavish of LIardack: Hardwoods, No. 2; Eel River, No. 3; Villuse, No. ${ }^{4} 4$; New Dominita No. ©t; Bay du Vin River, No. 6.
Parish of Cudloiv: MreNamee, No. $\dagger 1$; Wilson's, No. 11 ; Pond Sctlement, No..
Purish of Nelson: Semiwaran, No. $\dagger 4$ : Upper Barmaly River, No. 6; Carleton Station, 1. c.R No. 10; McCon's, No. 101 ; Rogerville, No. 11 ; Richardville, No. 12 : Pleasant Ridge, Nu, it
Parisho of Nelceastle: Little Partibogrue, No. ${ }^{2}$; ; Meadow Brook, No. ${ }^{4} 4$.
Parish of North E $k$ : Chaplain Island Road, No. †1; Euglish Settiement, No. 2; Three Isand No. 13; Sugary, No. 11!.
Parish of South Esh, Little South West (North Esk and South Esk) No. 7 ; Upper Little Soul West, No. 8.

## Queens Counts:

[See Explanations at tho head of this Notice.]
Parish of Brumsuick: Never's Rapids, No. 4 ; Brookvale, No. 5 ; Berry Vale, No. 6 ; IItuter's llom No. 7.
Parish of Cambridge: The Den, No. - .
Parish of Canning: Baltimore, No. 3; Sypher's Cove, Nu. 4; Bailoys Point, No. 6.
Parish of Chipmen: Iron Bound Cove, No. 2; Salmon River, Nu. 3 ; Cpper Salmon River, No. Red Bank, No. * $\$ 8$; Harley Road, No. 10 ; Head Gmand Lake. No. 12 ; Coal Creck. No. H, Dufferin Settlement, No. 14; Brown Settlement, No. 15.
Parish of Gagetown: Lawfield, No. *+1; Mill District, No. 4.
Parish of Hampstectl: Otnabog, No. +3 ; African Settlement, No. 10.
Parish of Johnston: Lower Rapids, No. 6; Upper Rapids, No. $\dagger 7$; Bagdad, No. 8; Upper Salms: Creek, No. 13; Boyd and Cornwall, No. ${ }^{*}+15$; Goshen Settlement, No. 17.
Parish of Petersville : Nilill District, No. $\uparrow \uparrow 2$; Lower Cloncs, No. $\dagger \uparrow 13$; Speight Setllement, No. 1 t Golden Ridge, No. 19.
Parish of Waterborongli: Cox's Point. No. 2: Cumberland Day Creek, No. 3; Cumberlaud Es! No. "ty; Young's Creek, No. S; Union Settlement, No. 9.
Parish of Wickham: Lewis Cove, No. ' $\uparrow$; Henderson Settlement, Nio. ${ }^{*} \dagger 10$.

## Restigolciry, Colntr.

[See Explamations at the head of this Notice.]
Parish of Addington : Rafting Grounds, No. 6; Randville, No. 7; Churchville, No. 3: Rivenie, No. 9.
Parish of Colborne: Heron Island, No. 4.
Parish of Dalhousic: Mountain Brook (and Colbornc) No. 11; Cove, Ňo. 4 ; Eel River Cove, Iu 19; Blair Athol, No. 10 ; Roberts' Settlement, No. 12
Parish of Durham: Becketville, No. 1t; Doyle Settlement, No. `־; Sumyside, No. 10.

## Saist Joms Col:nty.

## [See Explamations at the head of this Notice.]

Parish of St, John: Partridge Island.
Parish of Lancaster: Spruce Lake, No. 4 ; Pisarinco, West, No 11 ; Pisarinco, No. 12; Princed Wales, No. 5 ; Western District, No. 17.
Parish of Musquash: Dipper Harbor, No. 7; Chance Marbor, No 8 : Cranberry Head, No. 9; Sori Side of Musquash, No. 110 .
Parish of St. Martins. Bayme's Corner, No. 1 ; Grier Scttlement, No 4; Bayfield, No 5; Jow Theobald, No. 0 ; Martin's Head, No 7 ;'Goose Creek, No. S; Wood Lake, No. 9; Patterst Settleunent, No. 12; Salmon River, No. 13 ; Long Beach, No. 14; Little Salmon River, Na bi Mountain District, No. 30.

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arish of Simonds: Froc Pond District, No. 2; Golden Grove, No. 3; Lattimore Lake, No. 6; Loch Lomond, No. 7 ; West Beach, No. 11 ; Bloomsbury, No. 15; Hibernia, No. 17 ; Upper Golden Grove, No. 10 (Border District); Lake Distriet, No. 20 (Border District); Grove Hill, No. 21 ; Church Hill, No. 22.

## Sunbury County.

[See Explanations at the head of this Notice.]
Surish of Blissville: Gary Road, No. 1 ; Mill, No. ${ }^{*} 5$; Juvenile Settlement, No. ${ }^{*}$; Mill, (West) No. 7.
Porih of Durton: Waterville, No. to ; Lake, No. 7; Gary, No. 8; Farnham, No. ${ }^{*} 9$; Haneytown, No. 110 ; Shirley, No. $\dagger 11$; Greenficld, No. ${ }^{*} 12$; Rockwell, No. 13 ; Border, No. $\dagger 14$.
Parish of Gladstone: Lower Three Tree Creek, No. 3 : Diamond Square, No. 7 ; Peltoma Range, No. 8; Renwick, No. 18 (and St. George).
parish of Iincoln: South Branch Rusagornis, No. 6.
parish of Mauyerville: Rear Maugerville, No. 4.
Purish of Northfield: New Zion, No. 1; Neweastle, No. *2; North Forks, No. 5; Immigrant, No 6 ; Upper Neweastle, No. 7; Lower Hardwood lidge, No. 8.

Victoria County.
[See Explanations at the Head of this Notice.]
Prish of Andover: Nos. 6, 7, 8.
Prish of Drummond: Nos. $1,2,3,{ }^{*} 4,5,6,{ }^{*} 8, * 9$.
Purish of Gordon: Nos. 3, 4, 6, 7.
Brish of Grand Falls: Nos. $3,4,5,6,8,10$.
arish of Lorne: Nus. $1,2,3,5, * 6,7$.
?arish of Perth: Nos. $3,4,6,6,7,9,10,11,12,13,14$.
Westmoreland Cownty.
[ See Explanations at the head oif this Notice.]
ansh of Botsford: Woodville, No. 1 ; Emigrant Road, Niv 4; Lower Cape, No. ${ }^{7}$; Little Cape (South). No. 18 ; Little Cape (North), No.19; Cape Lald, No. ${ }^{2}$ U.
arih of Dorchester: Woodville, No. 4 ; Lower Bonhomme, Ňo. 7 ; Dungiven, No. 9 : Mill, No. 11 , Upper Dover, No. 20 ; South liockland, No. 21 : Upper Lonhomme, No. 20.
Parixh of Moncton. Hainessille, No. 2 ; Richie, No. S ; R. R. Crossing, No. 15 ; Groundwater, No. 17; Budd, No. 20 ; McLauchlan Road, N上. 21 ; New Scotland, No. 22; Caledonia, No. 23 ; Cherryfield, No. 24 ; Canaan Station, No. 25 ; Lake Settlement, No. 26 ; Gould, No. 27.
Parish of Sackiville: Second Westcock, No. 1; Upper Rockport, No. 3; Grandance, Nu. 4; Cole's Isliud, No. "s; Cherryvale, ito. 15.
Parish of Salisbury: Central Pollet River, No. 4 ; Harewond, No. 9 ; Scotch District, No. 10 ; Constantine, No. 14 ; Rockland, No. 22 ; IIicks, No. 15 (and Havelock).
 Suth, Nu. 14, Painsec, Nu. 15; Munctun Kuad, Nu. *lí ; Shedite River, No. 1s, St. Andrews (c), No. †21.

Parish oj W'cstmoreland: Midgic Road, No. 9 ; Centre Village, No. 10; Brooklyn, Nio. 11.

## York Cobsty.

## [Sce Explanations at the IIead of this Notice.]

Surish of Bright: Nos. 6t, 71, $\dagger 9$.
arish of Canterbury: Nos. 6, 10, 12, 13, 20, 22
arish of Douglas: Nos. $\dagger 10,12,14,16,18,10$.
arish oi Dumfrics; Nos. 6, $\mathrm{s}, 9$.
Parish of Kingsclear: Nos $17,18,9,11,12$.
wrish of Manners-Sutton; Nos. 7, 10, 11.
jarih of New Maryland : No. +3 .
Sarish of North Lake: Nos. 132, 17, 194.
8: Rivenid
iver Cove, Iu
parish of Prince William; Nos. 6, $3,11$.
arish of Stanley: Nos. $\dagger i_{2}, 2,4, \dagger 7, S, 10, \dagger 13,14, \uparrow 15,16$.
prish of Southampton; Nos. 12, 13, $\dagger 14,15,16,17,18$.
arish of St. Marys: Nos. 0, 10, 11, 14.

No. 3.
ORDELS OF TUE BOARD OF EDUCATION.
"The Board of Education desires that Boards of Trustees maintaining Graded Schools shall careHin arrange, year by year, that any transfer of Teachers in their employ from one department to cother, be made at the close of the School Term in which such departments are to be annually spected. Should, however, cxceptional circumstances, in any year, render it necessary that any ansfer be made at another time, such exceptional transfers, if forvith notified to ine Education
Fine by the Trustece, shall net render the departments ineligible for classification in such vear, expting always the cases where the Teacher shall have been in the employ of the Irustees, (immeatitly preceding the time of the annual inspection), for a period less than that required by 6 (3) (1) dSiote 1. "-April, 1881.
"A Teachcr (whoso School shall have already ubtrined a rank) removing from the School Distrix during the first term of its inspection year shall be allowed bonus for such term aceording to the rank last reccived by the School while in his charge; and a 'leacher taking charge of a School during the last term of its inspection year shall be allowed bonus for such term aecording to the rank whith shall be obtained by the School at its first classification while in charge of such Teacher." Junc, leij
"With a view of securing the most efficient carrying out in the Schools of the Province of the ox quirements of the Course of Instruction respecting lessons on the conditions of Healith, it is ordere: by the Board of Education that the instruction given in Hy giene in the Provincial Normal Schos shall, among other things, emphasize the lmportance of Twmpasive (includiug the chemistry appid eable to this subject), as set forth in the prescribed texts of Dr. W. B. Richardson ('Tempersow Iesson Book'), and Dr. Brown ('Physiology and IIygiene')."-December, 1881.

No. 4.

## ENGLISH LITERATURE, EXAMINATION OF 1882.

The questions set for the Examination for School License, 1882, will, for Classes II. and I., be upos the following texts :-

For Class II.<br>Reader V., Part II.<br>For Class $I$.<br>Reader V., Part II., and Mamlet.

No. 5.
ISSUE OF SCHOOL LICENSES : (AUGUST EAAMINATION, 1881.)
Grambar School Class.-Edwin T. Miller; Wm. S. Carter, A. B.; Samuel C. Murray, a.b George Ed. Croscup, A. B.
Firsr Class.-Andrew D. Macpherson, A. B. ; Hedley V. B. Bridges, A. B. ; Robertson Gardiaer; Robert J. Love ; I. Franklin Scribner; Alex. Robinson; Fred. O. Sullivan; Wm. W. Wells: $\Psi^{\prime}$ Jackson Steeves; Wm. D. Carter; Grace Orr : Edith M. Melleath; Agnes E. Livingstone ; Hed Adam; Helen J. MceLeod ; Mary Kerr; M. Maude Narraway ; Georgia A. Whecler: Magrie Stothard; Clara V. O'Sullivan; Margaret Rodertson; Mary B. O'Sullivan; Maria C. Baldwin : Geo. C. P. Palmer Alicia R. Green; Edith Darling.
Second Class-Fred. W. Cowperthwaite, A. B. ; Geo. R. Devitt, A. B. ; Samuel M. Burnet; Fred Goudwin; Edwin Steeves; W. Carvill Steeves; F. It Oulton; Theop. A. Patterson; Chas. W. Nerers; Jos. E. Lanteigne; WilterS. Sitehell ; Elmer E. King ; Geo.F. Hartin; John S. Covert; Budd Den Branscombe; Robt. T. Baird, Singleton S. Allen; Carrie M Stuart: AdL M Everett; Annir 1 Young: Minnie Whecler; Cath. Walsh; Phebe K. Vanwart, Alice Mr. V.undine; Mrggie'c Suther land; Ellen B. Sanders; Emily Markee. Amnie McIntyre; Helen L McLean; Sarah A Yest: Bella P. Nugent ; B. Emma Orchard ; Lillian E. Parlec ; Ida L. Rutherford ; Annic C. Smith; Jary Agnes Devereaux; Laura J. Eddie; Eliza E. Elligood; Eliza Hillock; Annabell Hooper; Julis Á Howic ; Minnie Johnson ; Georgina E. Kay ; Helen M. King; Mary E. Knowlon ; Melanie Lérer; Agnes F. Barker ; Mary A. Horrigan; Jessie R. McLcod ; Grace H. Barnes; Annie Beattie; لInt G. Carmont; Josephine A. L. Dougherty ; Bessic M. Crcighton; Benj. Parker ; Leonora L. Rogess

Third Class.-Aaron H. Libby; Grace A. Toms; M Josephine Meahan : Lizzie M. Murbj; Eliza M. M. Allen; Whitefield O. Dunham ; Wm. H. Fowler; Simeon H. Jones; John J. Mekimpo; Louis Pelletier; Francis J. Sweeney; Harry H. Ferguson; Margic E. Parker; Grace Schofith; Annie J. Grieves; Dora JrcBean; Sophia M. Harshman ; Eva J. McFarland; Lelia E. Wetmere; Anmie H. Alexander; Lizzie G. Corbet; Augusta Curran; Eliza A. Dodds; Caroline Johnson.

## Issued to Students of the French Preparatory Department of the Normal School.

Tmird Class, valid for three ycars:-Daniel Arsenault; Pierre M. Belliveau; Olga Boudrean; Philomene Boudreau ; M. Celina Bourque ; Luco Blanchard; Sarah H. Bourque; Sara Bourgevj; Ferd. M. Cormier; Cyrille Cormier ; Anna Corbin ; Catharine M. Daigle; Jane Doucet; Pierre P. Frenette; Elmire Fourier; Bernard D. Ferruson; Francois X. Fountaine; Agnes Frenette; Theophile M. Gonvin; Victoria L. Gamon; Justine Gallant; Catharine Gray; Maria A. Hade; Tharsille J. Hache ; Pierre H. Iégère; Marie U. Landry ; Edith T. LeBlanc; Vitaline Légere; Piem F. Richard ; Philias A. Richard; Julia Rossignal ; Eugene H. Theriault.,

No. 6.

## EDUCATIONAL INSTITUTE OF NEW BRUNSWICK.

The Sixth Annual Meeting of the Educational Institute of New Brunswick will be held in be Assembly Hall of the Provincial Normal School, Fredericton, on the 11th, 12th, and 13th ol Jut next, beginning on Tucsday the 11th, at $2.300^{\prime}$ clock, p. m.

THEODORE H. RAND,
Chief Supt. Educatios

Tho folloning is the programue arranged for the sixth Am sul Meeting of the Educational Institute, fiar as fllled up at present :-

## EDUCATIONAL INSTITUTE OF NEW BRUNSWICK.

Juhy 11, 12, 13, 1882.
itt Session.--Routine and other Business.
Znd Sesion. Openinir Address, by H. C. Creed, A. M. : "Physical Elucation-its place aud scope "Public Schuol work."
srd Sersion. Meport of. Committee on High Schoul Course. Discussion. Paper on "Mow to mure success in teaching Writing."
th Seasion.-Paper on "Organization in Ungraded Schools," by Eldon Mullin, Inspector of Schools. jisussion.
ath Session. Paper by William Crocket, A. M. : "Can the method of teaching the first steps in zadug surgested in the Course be justified on pri :ciple and by experience?" Discussion.
th Dession.-Addresses in relation to Lessons on Temperance in Schools. Election of Executive bmittec, ete.
oth Scsion. -Paper on "Oral Instruction on Minerals, Plant Life and Animal Life," by Wme hivket, A. M. Discussion.
Wh Session.- Address on "The Ifistory and Capabilities of this Province." Resolution relating to Educational display at the proposed Exhibition of 1883. Miscellancous business.

Music will be provided as usual.
S. B.-Teachers who are members of County Institutes are eligible for membership in the Educaatimal Institute; and, by order of the Exccutive Committee, certificates for free return fares by fultays add steambuats will be granted to thuse who enrul themselves as members.
The Executive Committee earnestly solicit the attendance of Teachers generally.

HERBERT C. CREED,<br>Secretary to Ex. Committee.

Fredericton, January Srd, 188き.

No. 7.
TO TRUSTEES AND TEACHERS.
0n receipt of the money, the Chief Superintendent will furward by manl Hannay's Idistory of teada, for one dollar a copy. [The publisher's price is three dollars.] This Hastory should be in fetf Schoul Library. No mure suitable look cuuld be selected by Trustees for School Prizes.


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    L J. Flower.... Lemuel W. Fowler Aurgusta A. Mrorrell Ten pd in Sunbury Mrric C. Palmer...
    Frankie L. Dyicma Darid P . Harris... Angelina Wasson.... Eil 1. Bowden...... Emms E. Yeria.
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