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TORONTO, MAY, 1873.

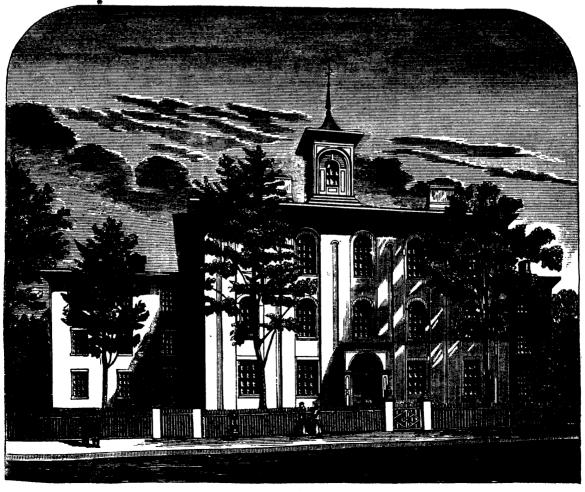
No. 5.

APPORTIONMENT OF THE LEGISLATIVE SCHOOL GRANT TO PUBLIC SCHOOLS IN ONTARIO, FOR 1873.

Circular to the Clerk of each County, City, Town and Village
Municipality in the Province of Ontario.

SIR,—I have the honour to transmit herewith a certified copy of the apportionment for the current year, of the Legislative School Grant to each City, Town, Village, and Township in Ontario.

The basis of apportionment to the several Municipalities for this year is the population as enumerated in the census of 1871. The total amount available for apportionment is \$20,000 more than last year, and in addition to the increased amount available on the basis of population, those Townships in which there



WADSWORTH STREET SCHOOL, HARTFORD, CONNECTICUT

\$1003 00

are feeble schools and a sparse population have been specially considered in the apportionment by means of the poor School Grant.

Where Roman Catholic Separate Schools exist, the sum apportioned to the Municipality has been divided between the Public and Separate Schools therein, according to the average attendance of pupils of both classes of Schools during last year as reported and certified by the Trustees.

The grants will be paid by the Hon. the Provincial Treasurer EDUCATION OFFICE, on the certificate of the Chief Superintendent. These certifi-

for Separate Schools...\$16 00

cates will be issued on or about 30th June, in favour of those Municipalities which have sent in duly audited school accounts and Inspectors' reports to this office.

I trust that the liberality of your Council will be increased in proportion to the growing necessity and importance of providing for the sound and thorough education of all the youth of the land.

> I am, Sir, your obedient servant, E. RYERSON.

Toronto, June, 1873.

Apportionment to Counties	6. COUNTY OF CARLETON,—Continued.	10. COUNTY OF RENFREW.—Continued.
for 1873.	Townships. Apportionment. Nepean 600 00	Townships. Apportionment. Bromley
1. COUNTY OF GLENGARRY.	Do for Separate Schools\$87 00	Do for Separate Schools \$53 00
Townships. Apportionment.	Do for Separate Schools\$114 00	Brudenell, Ragian, Radcliffe and Lyne- doch
Do for Separate Schools\$40 00	Torbolton 130 00	Grattan
Kenyon 671 00 Lancaster 570 00	\$240 00 \$4031 00 Total for County, \$4271.	Griffith
Do for Separate Schools\$28 00 Lochiel		McNab 396 00 Matawatchan 102 00
Do for Separate Schools\$90 00	7. COUNTY OF GRENVILLE.	Pembroke 96 00 Petewawa 116 00
\$158 00 \$2622 00 Total for County, \$2780 00.	Augusta \$700 00	Rolph and Wylie, Buchanan and Mc-
	Do for Separate School\$21 00	Ross 237 00
2. COUNTY OF STORMONT.	Gower, South 138 00 Oxford on Rideau 536 00	Sebastopol 130 00 Stafford 128 00
Cornwall	Do for Separate Schools\$13 00 Wolford	Westmeath 362 00 Wilberforce 284 00
Finch 370 00 Osnabruck 785 00	\$34 00 \$2432 00	\$116 00 \$3806 00
Roxborough	Total for County, \$2466 00.	Total for County, \$3922.
\$2297 00		
3. COUNTY OF DUNDAS.	8. COUNTY OF LEEDS. Bastard and Burgess, South	11. COUNTY OF FRONTENAC. Barrie
Matilda	Crosby, North 288 00	Bedford 241 00
Williamsburgh 640 00 Winchester 554 00	Do South 278 00 Elizabethtown 728 00	Do for Separate Schools\$20 00 Clarendon and Miller
	Elmsley, South 168 00 Escott, Front 188 00	Hinchinbrooke
\$2282 00	Do for Separate Schools \$10.00	Kingston 532 00 Do for Separate School \$32 00
	Leeds and Lansdowne, Front 510 00 Do do Rear 320 00	Loughboro' 350 00 Olden 153 00
4. COUNTY OF PRESCOTT. Alfred	Yonge, Front	Oso
Caledonia 173 00 Hawkesbury, East 443 00	Do for Separate Schools\$10 00	Pittsburgh 579 00 Portland 408 00
Do for Separate Schools\$181 00 Do West	\$20 00 \$3798 00 Total for County, \$3818 00.	Storrington
Longueuil	Total for County, pools you	Wolfe Island
Do for Separate Schools\$36 00 Do South	O COUNTRY OF LANABIA	\$139 00 \$3864 00
\$238 00 \$1926 00	9. COUNTY OF LANARK. Bathurst	Total for County, \$4003 00.
Total for County, \$2164 00.	Beckwith 280 00 Burgess, North 202 00	
	Dalhousie 249 00 Darling 109 00	12. COUNTY OF ADDINGTON. Amherst Island\$175 00
5. COUNTY OF RUSSELL.	Drummond 335 00 Elmsley, North 191 00	Anglesea and Kaladar 182 00 Camdon, East 768
Cambridge \$104 00 Clarence 361 00	Lanark	Do for Separate School\$23 00 Denbigh, Abinger, Ashby and Effing-
Cumberland 396 00 Bussell 317 00	Montague	ham
\$1178 00	Ramsay 436 00 Sherbrooke, North 60 00	Sheffield
	Do South	Do for Separate School\$63 00
6. COUNTY OF CARLETON. Fitzroy	\$3571 00	\$86 00 \$2168 00 Total for County, \$2254.
Gloucester	10. 001737007 07 77777777	40 (1077)
Goulbourn	Admaston \$272 00	13. COUNTY OF LENNOX. Adolphustown
Gower, North 343 00 Huntley 365 00	Algona	Fredericksburgh, North 233 00 South 203 00
March 253 00 Marlborough 304 00	Do Separate Schools\$17 00 Bagot and Blithfield	Richmond
Do for Separate Schools\$16 00	Brougham 91 00	£1003 00

Brougham

14. COUNTY OF PRINCE EDWARD.	10 COTINENT OF TITCHORT	
Townships. Amelicat. Apportionment.	19. COUNTY OF VICTORIA.—Continued. Townships.	25. COUNTY OF WENTWORTH.—Con.
	Maria I	Townships, Apportionment.
Athol \$448 00 Hallowell 236 00		Flamborough, East
Hallowell 236 00 Hillier 482 00 Hillier 201 00	Ops	Do for Separate Schools\$20 00
Hillier 301 00 Marysburgh, South 243 00		Do West 427 00
		Do for Separate Schools\$35 00
Sophiagh North 289 00	verulam	Glanford 277 00
Sophiasburgh 289 00 366 00	\$4566 00	Saltfleet 377 00
	\$4300 UU	
\$2365 00	<u> </u>	\$55 00 \$3704 00
	20. COUNTY OF ONTARIO.	Total for County, \$3759 00.
16 00	Brock	
15. COUNTY OF HASTINGS. Carlow and Mayo	Mara and Rama 488 00	
Elzevin and Mayo	Pickering	26. COUNTY OF BRANT.
	Reach 690 00	Brantford \$930 00
1100 marc 1 121 00	Scott	Burford
110ntin 021 00	Scugog Island	Dumfries, South
Huntingdon 627 00 McClure, Wicklow, Bangor, Herschel	1 norah 268 no	Oakland
	Uxbridge 470 00	Onondaga
1018do	Whithy, East 469 00	200 00
Marmora and Lake 241 00 Rawdon 400 00	Do West	\$2562 00
		
Nighter 222 Of	\$5009 00	
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Tyendinaga Limerick and Cashel 293 00	21. COUNTY OF YORK.	Clinton
Tyendinaga	Etobicoke	Gainsborough
\$5567 00	1 Do Ior Separate School \$16 00	Grantham 477 00
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16 00-	Gwillimbury East	Grimsby 423 00
16. COUNTY OF NORTHUMBERLAND.		Louth 957 00
Alnwick \$185 00 Brighton \$184 00	King	Niagara 284 00
184 00	Markham 1054 00 Scarborough	
	Scarborough 625 00 Vaughan 984 00	\$55 00 \$2519 00
Cramahe	Vaughan 984 00 Whitchurch 679 00	Total for County, \$2574 00.
Haldimand 519 00 Ho for Separate School 219 00	York	
Hamilton for Separate School\$19 00	Do for Separate Schools \$202 00	
	20 101 Sopulate Schools\$202 00	00 0077377777 077 777777 7 4 8 777
Monaghan, South 775 00 Murray 492 00 Percy 510 00	\$218 00 \$7012 00	28. COUNTY OF WELLAND.
Percy 492 00 Do 50 For Separate School \$444 00	Total for County, \$7230 00.	Bertie
Do 510 00		Crowland
Do for Separate School \$44 00 570 00 Seymour 570 00		Humberstone 334 00 Pelham 340 00
Do 4 570 00		Stamford
for Separate School\$14 00	22. COUNTY OF PEEL.	Stamford
	Albion	Thorold
Total for C \$98 00 \$4456 00	Caledon	Wainfleet 364 00
Total for County, \$4554.	Chinguacousy 921 00	Willoughby
	Gore of Toronto	
	194 00	
	Do for Separate School \$18.00	\$20,00,\$2400,00
0. 17 COUNTY OF DYDY	Do for Separate School \$18.00	Total for County, \$2528 00 \$2499 00
Cartwright OF DURHAM.	Do for Separate School\$18 00	Total for County, \$2528 00. \$29 00 \$2499 00
Care641 #241 AA	Toronto	Total for County, \$2528 00. \$29 00 \$2499 00
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25. COUNTY OF WENTWORTH	.—Con	—
Townshine Apport		nt.
Flamborough, East Do for Separate Schools\$20 00 Do West	427	
170 for Separate Schools \$35 00	•	
Glanford	277 377	00
\$55 00	\$3704	00
Total for County, \$3759 00.	•	
		
26. COUNTY OF BRANT. Brantford	\$ 930	•
Burford	751	00
Dumfries, South Oakland	469 152	00
Onondaga	260	00
	\$ 2562	00
27. COUNTY OF LINCOLN		
Caistor	\$294	
Clinton	376 408	
GranthamDo for Separate Schools\$55 00	477	
Grimsby	423	
Louth Niagara	257 284	
\$ 55 00	 \$ 2519	00
Total for County, \$2574 00.		
28. COUNTY OF WELLAND		•
Bertie	\$397 180	00
HumberstonePelham	334 340	
Stamford Do for Separate School \$29 00	377	
I noroid	338	00
Wainfleet Willoughby	364	00
	169	
Total for County, \$2528 00.	\$ 2499	00
29. COUNTY OF HALDIMAN	Ď.	
Canhorough	\$164 271	
Cayuga, North	133	00
Dunn	144 284	
Uneida	408	
Do for Separate School\$23 00 Rainham	280	00
Seneca Walpole	443 728	
Do for Separate School\$14 00	120	•
Total for County, \$2892 00.	\$2855	00
30. COUNTY OF NORFOLK Charlotteville	85 57	00
Houghton	289	00
Middleton	442 741	00
Walsingham Windham	712 601	00
Do for Separate Schools 250 00		
Woodhouse	524	
Total for County, \$3916 00.	\$ 3866	00
91 0077777777 07 07-07-07-07-07-07-07-07-07-07-07-07-07-0		
31. COUNTY OF OXFORD. Blandford	\$ 274	00
Blenheim	866	00
Dereham	574 497	00
Norwich, North Do South	450	00
Oxford, North	436 253	00
Do East Do West	355 379	
Zorra, East	625	
Do West	460	

Townships	A63 00 Townships Apportionmen A33 00 Aldbrough Aldbrou
Dumfries, North	A63 00
Waterloo. 1062 00 Wellesley 683 00 Do for Separate Schools 391 00 Wilmot 724 00 Do for Separate Schools 863 00 Woolwich 754 00 \$154 00 \$3759 00 Total for County \$3913 00 Ashfield Colborne Goderick Goderick Grey Amaranth \$265 00 Arthur 384 00	Aldbrough \$476 \$476 \$476 \$476 \$476 \$476 \$476 \$476 \$476 \$476 \$476 \$476 \$476 \$476 \$476 \$476 \$488 \$00 \$4840 \$00 \$4840 \$00 \$4842 \$00 \$4842 \$00 \$4842 \$00 \$4842 \$00 \$4842 \$00 \$00
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Do for Separate Schools\$63 00 Woolwich	485 00
Total Tota	For County, \$4,922. 36. COUNTY OF HURON. \$527 00
Total for County, \$3913 00. Total for County, \$3913 00. Ashfield Colborne Goderick Goderick Amaranth \$265 00 Hay Arthur 384 00 Howick	36. COUNTY OF HURON. \$527 00 \$4063 0
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Total for County, \$3913 00.	36. COUNTY OF HURON. \$4063 0
33. COUNTY OF WEILINGTON. Amaranth \$265 00 Hay Arthur 384 00 Howick	\$527 00 \
33. COUNTY OF WELLINGTON. Amaranth	200.00
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Amaranth \$265 00 Hay	489 00 40. COUNTY OF KENT.
Arthur 384 00 Howick	472 00 Camden
	725 00 Chatham 590 0
Do for Separate Schools \$104 00 Hullet	Agg og Dover
Eramosa 510 00 Do fo	r Separate School \$32.00 Harwich
	515 00 Do for Separate School\$27 00 479 00 Howard
	104 A
	Compared School \$149.00
Maryborough 598 00 Tuckersr	.:41 " FOO OO KOMINEY WE
Minto 658 00 Turnberi	y
Nichol 341 00 Usborne	479 00 Zone
Do for Separate School\$29 00 Wawano Peel 697 00 Do	sh, East
Peel	West
Pilking 267 00	TO NOPELAND DOLLOU \$10 UU
Do for Separate School\$45 00	\$98 00 \$7631 00
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	e and Eastnor \$205 00 Brooke 343 0 244 00 Dawn 154 0
	519 00 Enniskillen 907 U
	667 (II) Eliphemia 203 V
Do for Separate School\$9 00 Bruce	
	639 00 Do for Separate School
Collingwood	for Senarate School \$38.00 Plympton 999.0
Derby 283 00 Culross Egrement 535 00 Elderslie	520 00 Sarnia 465 0 501 00 Sombra 395 0
	ADA DO LOS CONSERVADOS CARALLES DOCE OF
Glenelg 538 00 Huron	
Do for Separate School\$32 00 Kincardi	ne 555 00 J
	465 00 \$95 00 \$4195 0
Keppel and Brooke	
Melancthon	\$38 00 \$6125 00
Normanby 720 00 Total f	or County, \$6163 00.
Do for Separate Schools\$33 00	42. COUNTY OF ESSEX.
Osprey	COUNTY OF MIDDLESEX. \$394 00 Anderdon
Sarawak	
	696 00 Gosfield 406 4
Bullivan 413 00 Delaware	
	M oraco
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Total for County, \$7,670.	for Separate School\$9 00 Tilbury, West 302 00
Metcalfe.	
	332 00 326 00 Total for County \$3414 00 \$3325 0
	West
Downie	for Separate School\$20 00
	386 00
Do South	West 209 00 Wipissing \$242 00
Ellice 379 00 Do	for Separate School \$79.00 Muskoka
Do for Separate School\$13 00	Parry Sound
Elma	\$148 00 \$7978 00 Manitoulin
Fullarton	or County, \$8126 00. Algoma
Apportionment to Cities Towns TOW.	NS. \$ cts. \$ cts. \$ cts. TOWNS. \$ cts. \$ cts. \$ cts.
Apportionment to Cities, Towns TOW.	
and Villages for 1873. Amhersth	urgh 116 00 146 00 262 00 Guelph 757 00 175 00 932
Barrie	
Belleville	
Berlin R. C. Bothwell	
OTTIES FUDIC Separate Total Domman	
Schools. Schools. Bramptor	200 00 00 00 00 00 00
Brantford	973 00 126 00 1999 00 Orangeville 151 00 77 00 229 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Brockville	461 00 227 00 688 00 Owen Sound 455 00 455
Chatham.	170 001 00 001 000 001 000 001 000 001 000 001
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\$ cts. \$ cts. \$ cts. Clifton 4 amilton 2998 00 622 00 3620 00 Cobourg.	
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TOWNS.	\$ cts.	\$ cts.	\$ cts.	VILLAGES.	\$ cts.	\$ cts.	\$ cts.	COUNTIES.	\$ cts.	\$ cts.	\$ cts.
St. Mary's	057 00	66 00	423 00	Newbury	107 00		107 00	9. Lanark	3571 00	i	3571 00
	357 00		297 00	Newcastle	150 00		150 00	10. Renfrew	3806 00	116 00	3922 00
	297 00			New Edinburgh.			82 00	11. Frontenac	3864 00	139 00	4003 00
Stratford	250 00		250 00		138 00		138 00	12. Addington	2168 00	86 00	2254 00
Strath.	471 00	113 00	584 00	New Hamburgh.	184 00		239 00	13. Lennox	1003 00		1003 00
Strathroy	438 00		438 00	Newmarket			76 00	14. Pr. Edward.	2365 00		2365 00
Tilsonburgh	217 00		217 00	Oil Springs	170 00		178 00	15. Hastings	5567 00		5567 00
Walkerton Whith-	149 (0		149 00	Orillia	178 00		432 00	16. Northumber-	000, 00		
Whitby	329 00	42 00	371 00	Oshawa	322 00		177 00	land	4456 00	98 00	4554 00
Windsor	576 00		576 00	Parkhill	177 00			17. Durham	3811 00		3811 00
Woodstock	539 00		539 00	Pembroke	204 00		204 00	18. Peterborough	4032 00	86 00	4118 00
j-				Petrolia	358 00		358 00	19. Victoria	4566 00	I	4566 00
_	17338 00	3108.00	20446 00	Portsmouth	147 00		232 00				5009 00
				Port Colborne	69 00		132 00	20. Ontario	5009 00 7012 00	218 00	7230 00
37		1		Port Dalhousie	84 00		148 00	21. York			3156 00
VILLAGES.	S cts.	\$ cts.	\$ cts.	Port Perry	238 00		238 00	22. Peel	3138 00	18 00	
	•	-		Preston	192 00		192 00	23. Simcoe	7967 00	81 00	8048 00 2540 00
Almonte	282 00	}!	282 00	Renfrew	91 00		119 00	24. Halton	2540 00		2540 00 3759 00
Amprior	232 00		232 00	Richmond	65 00		65 00	25. Wentworth	3704 00	55 00	
	63 00		106 00	Richmond Hill			106 00	26. Brant	2562 00		2562 00
	166 00		166 00	Seaforth			187 00	27. Lincoln	2519 00	55 00	2574 00
	154 00		154 00	Smith's Falls			158 00	28. Welland	2499 00	29 00	2528 00
Aylmer Bath	120 00		120 00	Southampton	118 00		118 00	29. Haldimand	2855 00	37 00	2892 00 •
Bath	82 00		82 00	Stirling	106 00		106 00	30. Norfolk	3866 00	50 00	3916 00
Bradford	154 00		154 00	Streetsville	83 00	۱ ا	83 00	31. Oxford	5169 00		5169 00
Brighton	184 00		184 00	Thorold	122 00		220 00	32. Waterloo	3759 00	154 00	3913 00
Brussels Caledon	106 00		106 00	Trenton	161 00		242 00	33. Wellington	6467 00	259 00	6726 00
			170 00	Uxbridge	203 00		203 00	34. Grey	7484 00	186 00	7670 00
Carleton Place			165 00	Vienna	82 00		82 00	35, Perth	4842 00	80 00	4922 00
		1	110 00	Wardsville	76 00		76 00	36. Huron	7631 00	98 00	7729 00
Chippawa	110 00			Waterloo			235 00	37. Bruce	6125 00	38 00	6163 00
Clinton Clinton	125 00		125 00	Welland	153 00		153 00	38. Middlesex	7978 00	148 00	8126 00
Colborne Dreader	274 00		274 00	Wellington	74 00	i	74 00	39. Elgin	4063 00		4063 00
Dreeder	113 00		113 00	Yorkville	299 00		299 00	40. Kent	4254 00	176 00	4430 00
Dunnaili	139 00		139 00	Y OFKVIII	255 00		200 00	41. Lambton	4195 00	95 00	
Dunnville Elora Embro	198 00		198 00	1	11456 00	701 00	12157 00	42. Essex	3325 00	89 00	3414 00
Emb-	169 00		206 00		11400 00	101 00	12101 00	District of—	002.7 00	00 00	
Embro Exeter	65 00		65 00			1 1		Nipissing	242 00		242 00
Exeter Fermin	140 00		140 00					Muskoka			256 00
Fergus Forest	201 00			Summary o	of Appo	ortionm	ent to				206 00
Forest	149 00		149 00					Parry Sound	272 00		272 00
Fort Erie	114 00		114 00	Co	unties,	18/3·		Manitoulin	678 00		678 00
Gananoque	275 00		275 00					Algoma	010 00		0,0 00
Garden Island	103 00		103 00			,	·		170392 00	2021 00	173473 00
Georgetown	175 00		175 00			1			110982 00	2021.00	110110 00
Hawkesbury	226 00		226 00		Public	R. C.	771-4-1		<u> </u>	<u> </u>	
Hespeler	400.00			COUNTIES.	Schools.	Separate	Total.		37.D. (F) 0	m . T C	-
Holland Landing	87 00				Schools.	Schools.		GRA	ND TO	TALS.	
Iroquois	105 00			1	[1					
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Listowel	133 00			1. Glengarry	2622 00	158 00	2780 00	1			15000 00
Lucan Merrick		ól	127 00	2. Stormont	2297 00		2297 00	Cities	12601 00	5365 00	17966 00
Merrickville	106 0) 		3. Dundas	2282 00)	2282 00				
Millpoint	110 0			4. Prescott	1926 00		2164 00	Towns	17338 00	3108 00	20446 00
Mitchell Morrishurch	119 00 244 00			5. Russell			1178 00	1	1	1	
Morrish	244 U		1	6. Carleton			4271 00	Villages	11456 00	701 00	12157 00
Monay Bulletin	199 00			7. Grenville			2466 00	!		·	
Mount Forest Newburgh	174 00			8. Leeds	1				211787 00	12255 00	224042 00
-arku	113 00	л	113 00	O. Liecus	1 0,00 00	., 20 30		•		•	

II. Lapers on Education in Various Countries.

ILLITERACY IN THE UNITED STATES.—General John Eaton, jr., Commissioner of Education, will in his forthcoming report, give the following important and very interesting facts in reference to the illiteracy of the people of the United States. These are facts in question:

Persons under five years old. Total number of persons almost certainly illiterate

Estimated number of persons able to write in 1870...26,422,572

Per cent. of total estimated illiteracy to total population.....

Such a compilation as the foregoing has never been embraced in any former report on education, and will be of value as an argument upon the question of compulsory education,—a question just now attracting more attention than any other in an educational way, and which must ere long be settled nationally, as it seems to

AMERICAN EDUCATIONAL BENEFACTIONS.—It has been left to the United States commissioner of education to sum up the benefac tions made by private individuals for educational purposes throughout in out the country during the last two years, and the statement which he now makes is as surprising as it is gratifying. The entire smount for 1871 was something over eight millions of dollars, and that for 1872 very nearly ten millions. The amount for 1872 (we

so interpret the statement) was divided as follows: For colleges and universities, \$6,282,461.63; for theological institutions, \$1,155,856.53; for libraries and normal schools, \$1,020,000; for superior schools for females, \$689,993; for agricultural and scientific schools, 482,000; for academies, \$306,040; for medical schools, \$10,422.13; and for law schools, \$10,000. The total is a magnificent one, and the apportionment is suggestive.

THE ROD QUESTION.—Mr. Henry F. Harrington, Superintendent of Schools in New Bedford, lately delivered an address in Malden, Mass, in which he argued that the question of discipline in the schools, with its pros and cons, in relation to the rod and other details of management, might be solved by employing to a larger degree men and women of character as teachers, so that whatever punishment was found necessary might receive its value and due effect from the source it came from. Children, even the youngest, he said, are quicker even than "grown people" whether there is a man or only a sham behind the vocation of the teacher or superintendent, or other person connected with the schools which they attend.

NEEDLE WORK IN SCHOOLS.—The Boston Advertiser expresses the hope that the school authorities of that city 'will take definite action as soon as possible on the matter of enlarged and systematic instruction in sewing for the girls in the public schools. It is impossible to overstate the importance of this teaching. The knowledge of sewing should be considered as essential to a girl's educa-tion as the knowledge of reading, and the instruction in needlework should begin in the youngest of the primary schools, and be continued until the pupils are thorough and accomplished seamstresses.'

1. SALARIES OF TEACHERS IN THE PRINCIPAL CITIES OF NEW ENGLAND.

CITIES.	Supt.	HIG	н.	GRAN	MAR.	PRIMARY	Popu-
CITIES.	Supi.	Male.	Female.	Male.	Female.	Female.	lation.
Boston	\$ 4,500	\$ 4,000 3,000 2,400	\$ 1,800 1,500 1,200	\$ 3,200 2,400 2,000	\$ 950 850 800	\$ 800	251,000
PROVIDENCE	2,500	2,200 2,000	1,000 1,300 1,150 950 800	2,000 1,500	725 650 600	525 450	69,000
NEW HAVEN	3,000	3,000 2,200	600 1,000 800 700	2,200 2,000	1,000 700 650 600	800 550 500 450	51,000
Worcester	3,000	3,000 2,500 2,200	1,000 900	1,900 1,700	400 1,200 750 575	400 500	41,000
LOWELL	2,300	1,000 2,200 2,000 1,700	750	2,000 1,700	550 800 600	600	41,000
Cambridge	3,000	4,000 2,500 2,000	1,000 800	2,500	700	700	40,000
HARTFOR	None.	3,500 1,200	1,200 800	2,800 1,200	800 500	600 400	37,000
PORTLAND	None.	2,500 1,500 800	1,000 700 600 500	1,800 1,600 1,400	650 600 450 425	450 400	31,000
Lawrence	*1,750	3,000 1,200	900 750	2,400 1,600	600 575 550	650 575 550 500 475	29,000
CHARLESTOWN	3,000	3,000 2,200 1,800	1,000 700	2,100 1,800	775 650 575	650 575	28,000
LYNN	None.		800	1,800	600	600	28,000
Springfield	3,000	2,500 2,000 1,300	700 650	2,000	1,100 650 550	650 550 455	27,000
FALL RIVER	. 2,000	1,700 1,500	700	1,500	500	475	27,000
SALEM	. 2,500	2,500 1,300	1,000 650	1,800	1,000	600 500	
Manchester		2,000	800 450	1,500	450		
New Benford	2,000	1,800 1,600	1,000 900 800 650	1,750 1,500	600 525		

Where the salary varies according to the number of years of service, the HIGHEST is

iven in the table

* For a portion of his time.

-R. I. Schoolmaster.

-It is expected that the expenses of the election of the School Board for Edinburgh will amount to somewhere about £2,200.

The Council of the Society of Arts proposes erected a building suitable for the purpose of a National Training School for Music, at a cost of £20,000.

The death is announced of Mr. William Mitchell, of Edinburgh City Mission. He was a schoolmaster in Edzell for many years, and numbers of his pupils now in America and Canada will be sorry to hear of his demise.

The winter session of Edinburgh University is closed. The honorary degree of D. D., was conferred on Rev. Marcus Dods, Glasgow; Rev. J. O. Dykes, London; Rev. Dr. Forbes, Aberdeen; and Rev. Mr. Stuart, Edinburgh; while Professor Allman, Edinburgh, Dr. Carlyle, Mr. J. M. Lindsay, Edinburgh, and Professor Lushington, Glasgow, received the degree of L. L. D.

The Rev. W. P. Dickson, D. D., Professor of Biblical Criticism, has been appointed to the Chair of Divinity, vacant by the preference of the Rev. Dr. Caird to the Principalship of the University. Dr. Dickson, the new Professor of Divinity, was born in 1823, in the Manse of Pettinain, near Lanark, where his father, the Rev. George Dickson, was parish minister.

2. SCHOOLS OF DESIGN IN MASSACHUSETTS.

The legislature of Massachussetts has passed a law authorizing the establishment of schools of design in every village; the object thousand inhabitants the State will maintain at least one such school. Such a combination can never be made harmonious except by no

3. ERA OF SCHOOL-HOUSE BUILDING IN PENNSYL-VANTA.

The period during which the present State Superintendent has been at the head of the School Department may well be called the era of school-house building. There was paid for building and repairing school-houses in the State, including Philadelphia, in 1865, \$465,088.88; in 1866, \$725,000; in 1867, \$1,262,798.68; in 1868, \$1,991,152.55; in 1869, \$2,455,848.71; in 1870, \$2,765,644.34; in

1871, \$3,386,263.51, and in 1872, \$2,864,113.35.

This vast increase is truly wonderful, but gradual and healthy, The demand for new and better school-houses was general, and taxes levied to erect them seem to have been paid with great cheerfulness. In a few localities there may have been extravagance, and houses may have been built for show more than for use; but personal observation, in all parts of the State, enables me to say that the directors, in building school-houses, have been generally guided by principles of economy. Of course, much money has been loaned and many school districts are now heavily in debt; but this is inevitable under the law that limits the amount of tax that can be levied for building purposes. Besides, many directors are unable to see why the present generation should bear the whole burden of erecting a school-house that will last for several generations. Nearly all the boards that have gone in debt have wisely provided a sinking fund, and propose to make annual reductions in the amount owed by their districts. The falling off in the amount expended for school-houses during the last year is owing to the passage of the law of 1871, authorizing the several courts of common pleas of the Commonwealth to grant school directors power to borrow money to build school-houses. This law was enacted for the laudable purpose of preventing the passage of special acts concerning the borrowing of money by school boards. It was not designed to check the progress making in school affairs, but it has had that effect. The feature of the law most objectionable to directors is that which requires them "to produce to the court the consent, in writing, of a majority in number of the qualified electors" of their respective districts. As they are elected by these same of the zens, and directly responsible to them, they deem this part of the law as unnecessary as its execution is troublesome. I respectfully recommend a modification of the law.—Penn. School Report, 1872.

4. NECESSITY FOR COMPULSORY EDUCATION.

In his lecture on Compulsory Education, Mr. Beecher says :-

At one time all Europe was discussing war problems; then politics; again theology. Very many of those matters which once commanded the most thorough research and study were now considered Now a more important and practical of no account whatever. question was attracting universal attention -- education occupies the mind of the civilized world-common, rudimental instruction of the masses, and not the peculiar privileges of the more favoured classes—and for this he pleaded. In Great Britain the church question had become subordinate to that of education, and now the query of most importance was:—Who shall instruct the children—shall the priest or the people? Plainly it was the duty of the citizens and of government. The priesthood had done good service, but their day had gone, and education had become the duty of the State. In Great Britain it had come to be considered the Godgiven right of the people, and German influence was being felt over all Europe. The German Empire owed its solidity to its schools It was the intelligence of the North German soldiery that conquered Austria, and she was learning wishom from her conqueror. In Italy and Switzerland education has been made compulsory, while France lags behind—is the bottom State—because her masses are ignorant; and may never hope to cope with her neighbours while such is the case.

Governments have long been trying to learn how best to ride the people, and it is proven that the best saddle is intelligence; that knowledge implies good citizenship. Education is military force, and our civil conflitt was really the Northern school against the Southern plantation. The most intelligent people produce the greatest wealth per capita; our country leading among the nations and Connecticut among the States. The patent records showed one invention to every 831 people in that State, while in Arkansas only one in 37,000 knew enough to invent anything. Prices are regulated by the amount of brains required in production, and combinations can no more produce uniformity than they can make men look alike. The man who has the most brains will receive the best pay, and stand highest in the estimation of his fellow-men The time is coming when our country will have a populatian of 500,000,000. How shall they be made safe and orderly? Every the establishment of schools of design in every village; the object known country was paying tribute to America, and sending its pobeing to improve education among artisans. In every town of ten pulation here, with all their diverse religions, customs and ideas. tional education. If religion meant love to God and love to man, it would be a controlling power. But while in a few hearts it means this, at all other points it bristles with warfare. Religion

should mean harmony; intelligence does.

Education should include political principles, morality, social duty. It should be made compulsory. Every State should provide for the education of its whole people. Such provisions had been such principles settled; but as farmers sometimes plough up the old sod and sow again; so it befits us to deal with moral growths, and it is time now to discuss this great matter once more. The influence of foreign elements in our population demands a lively interest in the whole matter. The State must educate its people, and not the church. The State has a right to make its own existence secure, and security to the State comes only from the education of the whole people, which thus becomes self-defence. Dogmatic religion, is not necessary to the existence of the State; intelligence is. School houses should be multiplied till they are ample for the accommodation of all, and the teacher should be among the most honoured of the land. No one stands so near the father and mother in influence upon the future of the country, as the school teacher—not professors in colleges, but the educators of the masses.

not professors in colleges, but the educators of the masses.

Our schools do not teach enough. They should include the distinction between good and evil; inculcate truth, honesty, temperance, self-comtrol fidelity, economy and patriotism. It was not important that the way of the Rible he insisted upon for really it was perative that the use of the Bible be insisted upon, for really it was not the most felicitous school book; but more truth should be taught. Every man should improve in the use of truth. Is there truth in the houses we build? in the goods we sell? in the work we do? Are there not as many untruths as mice in an old hotel? We grasp for more than we deserve, and find ourselves cheated in the quality, It is vain to teach the higher branches and leave the most important things untaught. Men should be so taught as to be patriotic, not when the drum beats and cannon roar, but when they stand alone, Dapper, dainty, delicate young men, who are afraid of hard work, swarm in all the cities and beg for soft positions under Government and in fat offices. It is a sin for any man to bring up a boy thus; they should be taught to take care of their mouths and backs with their own hands. It is a shame to know all about Mars and Jupiter and nothing of Massachusetts. The State schools should be made so good that no private school can live in their vicinity; and every boor boy should look up to the State as his rich uncle. Compulsory education ought to give no just person offence. The law gives no annoyance to the man who always keeps in advance of it. terest might demand education, but it could not be depended upon. Many foreigners come here desiring education for their children; others, who ought to be equally interested, come with far different motives. They are a useless and dangerous class million gence. We have 5,000,000 men in the country, who cannot make the speaker hailed the The speaker hailed the coming of the Chinese to our western shores, for they brought their hands full of tools—brought intelligence, education and industry. He did not fear their religion, for if their Joss was stronger than our Jehovah he ought to reign; but the time was not distant when they would would become valuable, God-serving citizens. - American Journal of Education

III. Lapers on Tractical Education.

1. FORESTALLING, EVIL IN THE SCHOOL-ROOM.

When trees are cut from the banks of rivers and the soil is left untilled, we hear of freshets, inundations, and destructive floods, because there are no leaves and rootlets to gather up the superabundant moisture and work it into living forms. So in the school-room: if overflowing drops of fun, mischief, and naughtiness are not caught up, but are left to trickle into one common stream, teachers may well stand aghast at the ruinous consequences. As all the mud debris, and slime, is borne on the surface when the river is disturbee, so all that is hateful and ugly in the child's nature works out when he is thoroughly roused. The best results of weeks of Patient labour are apparently swept away, and even after the excitement subsides, injured and angry feelings pervade the whole school. The one who finds himself equal to such crises is strong and wise, but he who prevents them is wiser still. Once in a while a little active exercise answers this purpose well. Rob is restless, and eyes you furtively; if you suspect pop-guns and spit-balls, send him out to sweep the steps. Very likely he will snow-ball a while, but the pump and guide-post are used to it, and by the time he comes back he will have discharged from his finger-ends much trouble and mischief. Perhaps he is inclined to stir up his neighbour by various entertaining and familiar little devices of pinching and pricking-

child sits quietly down to his books. Many a teacher has proved incidentally the success of this little manœuvre, then why not give him something of real importance to do. For this reason it may often be found useful to keep a list of little repairs and improvements which can usefully employ ten minutes of a rogue's time. Nothing softens and refines an ugly boy more than trusting him and allowing him to do real favours. Through the chivalrous element of his nature which is easily quickened, a strong hold can soon be gained upon him-interest and affection often replacing the old indifference and churlishness. Or again, perhaps Katie is inattentive and listless in the class. Don't wait until it is a habit—nip it in the bud. Let her place the exercise on the board. If she is stupid and dull, think of some way to rouse her; try rearrangement; if her name begins with "A," let her stand at the head, placing the others alphabetically; if she is the oldest, let age decide the rankif neither, think of some way to make two lines, giving her the head of one, allowing each to choose sides and have competition. can be done in spelling, parsing, map questions, arithmetic, and other recitations. Almost any girl will succumb under some process of this kind and may show intelligence, pride, and self-respect, which you think entirely wanting. No one will be harmed by this emulation if, as soon as you have gained your point, you adopt some other plan. Annie is playful, and laughs; before the others have time to catch her spirit let her bring you a book from the table down stairs—if that does not take the fun out of her, it must be that you need the other one too. Two journeys over the stairs make quite a reduction in a funny mood. Much trouble can be prevented by keeping work ready to put in idle hands. The boy who is marking his desk can draw some nice geometrical figures for you, if you give him pencil and card board; the one who is whitling his chair, might might be better employed in cutting them out, and still another can print the name on each. After doing so much good they are then ready for your use. These are only a few of the leaves and rootlets by which the teacher can draw into healthful and useful channels the overflowing energies of children. It may be objected that the child loses valuable time by this method. Perhaps he does—but is it not better for him to waste flive or ten minutes of his own time occasionally, than for you to spend the same number of minutes or more in reproving him when the mischief is done? It may also be objected that there are times when the scholar should feel the teacher's authority in compelling obedience. When that point is reached, each teacher does better to use his own discretion. These suggestions are thrown out as preventives merely, and do not apply to such cases. Be assured they are not the theories of leisure hours; accept them rather as the matured products of actual experience .-Miss Gibbs, in Conn. School Journal.

2. THOROUGHNESS.

One of the great defects of the present day, especially in our own land, is a want of thorough knowledge, and of a disposition to attain it. There is no lack of pretenders, but when culture or finished men are sought for, it is almost impossible to obtain them. nearly everything in too much of a rush. We generally live too fast. We imagine that we are old, while we are still youthful, that we shall be behind the times and remain unknown if seven or ten years, or more, are spent in solid preparation for life's duties. complete course of study is already abridged, from the mistaken view that time is too valuable to be employed in developing and strengthening the powers of the mind. We are in too great a hurry to enter upon the duties of an active life,—"to make our pile,"—or to engage in any other pursuit than that of learning, if it promises even a possible realization of our hopes.

There is a strength derived from a liberal culture of the mind that can be obtained from no other source. It makes men and women stronger, no matter what positions they may afterwards fill. It is not by the physical, but by the mental powers of man, that the world is being subdued. is through the intellect that the subtle forces of nature are made to do our bidding. But, however priceless strength of mind may be, we have not attained the full zenith of our power until this be supplemented by sound moral principles and the courage to maintain them. It is just here that multitudes fail to achieve noble ends. There are too few possessed of this moral energy, needed to meet the sneering laugh or the studied coldness of their associates; too few who, knowing that they are in the right class, maintain it, and leave the issue with Him who smiles only upon the brave and true-hearted.—The Minnesota Teacher.

3. HINTS FROM PRACTICE.

Monthly Examinations.—We find monthly written examinations as much of a necessity as the compass is to the mariner. Classes will be run home for the keys you have forgotten, and be back in five minutes? His activity finds a natural outlet; afterward the by the pupil, and the teacher may not know it. These examinations

teachers would shirk them on that account. Teachers do not spend In all soberness, it is time that we abandon the policy, so commore than six or seven hours in the schoolroom per day. They should make the time up to eight or ten hours out of school, as other employes do. While some would shirk, others do their whole duty, and sometimes go to the extreme of overwork.

Written Reviews.—We find that a semi-monthly written review of

our classes is a most valuable aid in our work,—taking only the time of preparing and reciting a recitation for it. This prepares for monthly examinations; takes a new reckoning. This review is conducted by the teacher for her guide for the month's work.

Written Recitations.—Unless care and attention are given to oral recitations, there will be much looseness in answers, much taken for Written recitations will put granted, much indirect aid, etc. pupils upon their own resources, and frequently reveal to the teacher better methods of oral recitation. Our regulations require "at least one written recitation, review, etc., per week." This requires work, but it can be done in less than ten hours per day. It may take eight; it ought to take that much.

Reports.—We do not make monthly reports to parents. Some appreciate such reports; many do not. It requires much labour on the part of the teacher that can be better employed. When a pupil falls below the required standard of 80 per cent, parents are informed of the fact by filling out a blank for the purpose, stating that the pupil will fall into the class of the next lower grade unless the parent will assure the teacher that one hour per day out of school will be spent upon the study in which there was a failure, prepara-tory to a re-examination. The pupil who has failed, is required to hand to the teacher each morning a written statement of the time studied and the particular subject studied until re-examined. This does not take much work in practice; but with written lessons, written reviews, thorough work, and fair examination-tests, few need to fall below the standard. If, after all, pupils fall below 75 per cent, they should be put back without further trial,—except in special cases when no general rules can apply,—subject to the common sense of the teacher.—G. N. C. in Nat. Tea.

IV. Papers on the Teacher.

1. HOW TO CHOOSE A TEACHER.

I have often read, "how to choose a wife," "how to write a letter," "how to get rich," "how to make a garden." These and kindred themes have been fully expounded by others, but I am aching to have my say and tell the expectant world, not how to teach

school (normal shades be not offended), but how to choose a teacher.

Do not look for a dandy. The man who spends his time fixing up his outside, probably will have little left to see to the little with-

in, and less to help other people.

Do not choose a graduate. By a graduate I mean one whose education is completed, who knows everything from addition to parallax, from English to Arabic, and can glibly tell all he knows in a few minutes. No, do not choose a mere graduate, though he have "four diplomas" in his trunk.

Do not in every case look for an "experienced" teacher. Experience is valuable, but if good, is not always in the market, and it is better for you to "break another colt" than pasture a worth-

less, broken down horse.

Avoid a boaster. It has come to be a proverb in some quarters "as conceited as a school master," nevertheless, the good teacher, though not wanting in self-respect, seldom finds it necessary to blow his own trumpet.

Shun a fault finder. He who is continually finding motes in fellow teachers' eyes has, no doubt, many a beam in his own.

Do not look for a teacher full of hobbies. He may last for a little while, but he runs not well.

Having decided what you will not look for, start briskly on your journey.

> Look for common sense, it is better than Greek; Look for patience, it is better than "grit;" Look for knowledge, and a desire to increase it; Look for modesty. Look for Christianity.

(P. S. Do not look for an angel.)

DOWN EASTER, in Maine Journal of Education.

2. GET THE BEST TEACHER.

disclose the true condition of things as nothing else can. They are that they do in the various business callings in which many of them more of a necessity to the teacher than to the pupil, if he would do are engaged? In other words, why will they not go upon the printhoroughly honest work. Examinations make work, and some ciple that the best-qualified teachers are in the end the cheapest? mon in many towns, of employing the lowest-priced teachers, under the impression that the lengthening out of the school thereby will be a great gain to all concerned. Now if there is any one fact fully established in the minds of those who have had various and practical experience in the management of schools, it is this: That a good school of eight weeks, taught by a teacher of skill and tact, is worth more than a poor school by an indifferent teacher, of twice or even three times that length. Indeed a poor school has little value to speak of, in an educational point of view, to the pupil. Such a school may and often does result in more harm than good; just as a bungling mechanic may not only fail to turn out a good piece of work, but may even spoil whatever he has in hand. What owner What owner of a valuable horse will allow that horse to be shod by an unskilled blacksmith? Why, then should the training of children be left in the hands of those who have made no special preparation for the work, or whose qualifications are known to be entirely inadequate? School officers hold a precious charge in trust for the people. It becomes them to look well to the manner in which they discharge their responsible duties. The value of the school depends more upon the character and skill of the teacher than upon all other agencies combined. The best teachers are those who are well qualified for their business. Get the best. - Maine Journal of Education.

3. BENEFIT OF VISITING SCHOOLS.

The following from a contemporary is right to the point: "The man or woman who drops into the school-house often and shows an interest in their comfort, is a public benefactor. Both teachers and scholars are encouraged to good behaviour and extra efforts. does not remember the stimulus to the whole school of a visit from a parent or other persons? A school visited once or twice a month the visitor insisting that no change of programme shall be made will generally be twice as prosperous as the school which is never visited. No one should leave others to attend to this matter-The public school should be the pet and pride of every parent."

4. WHAT SHOULD BE DEMANDED OF TEACHERS! BY ANNA RANDALL DIEHL.

Higher scholastic attainments.

Technical training.

III. More heart in the work.

We have been making progress in teaching during the last twenty years, but it will be a long time before anything like a school-millennium is enjoyed, unless we have more skilled workmen. The public and the law ought demand that teachers have, as a basis, a thorough academic if not a collegiate education. Instead of this we find many who know, barely, what they are expected to teach, and instances may be cited where they scarcely keep pace with the most proficient of their pupils. Anything like a perfect acquaintance with geography, arithmetic, grammar, reading, writing and spelling is meagre.

lzaak Walton said, when asked in regard to the requisites of a good fisherman, "He must first of all understand the nature and habits of fish." It is certainly no less necessary that the teacher, who is, in one sense, a fisher of men, should understand the nature of the mind and its order of development. It is now universally conceded that education should begin with the senses, with training the perceptives, and that the elements of the sciences, at least rudimentary instruction in the three kingdoms of nature, should be given orally and before the child is of sufficient age to grapple successfully with books. Let, then, mental philosophy, physiology, zoology, botany, chemistry and geology, these branches, if no more, be added to the teacher's curriculum, and an examination in them be demanded by law.

II. There should be training in the technics of teaching. This is done in the normal school, in the teachers' institute, and by reading books upon the philosophy of education and the best methods

of imparting instruction.

In nearly all the countries of Europe no person is a legal teacher who has not been for two or three years a pupil in a normal school, or, as it is generally called, a seminary of training. school in Ruabon, Wales, I saw very superior instruction in the primary department. Many of the children were not over two and three years of age, and not so much attention was paid to 2. GET THE BEST TEACHER.

teaching them to read as to develop perception and language by means of lessons in form, colour, etc. Three teachers were conductteachers for the summer-schools. Why will not those officials adopt ing exercises simultaneously in different parts of the room, while and apply in this work the same common-sense views and principles the whole work was under the supervision of an experienced principal. I found that these assistants had each spent two years in the training school, paying no tuition; but that they were now called Probationary teachers, and for five years would receive but thirty dollars annually for their work, thus, in effect, refunding the money which had been expended upon their education.

Recently, when attending an institute in the eastern part of Maine, I learned with great satisfaction that just over the border, in N in New Brunswick, none but trained teachers are employed.

We ought to cover our faces with shame that it is not so here. Let the normal schools be filled; let others be established; and let none but graduates of these schools be employed as teachers. We hope to see normal schools, sometime in the future, which are entirely professional, and not three-fourths academical as most of them, of necessity, now are; where not only the theory of teaching is taught, but where the practising department is the grand workshop. Teachers' institutes are doing much in disseminating knowledge and teaching advanced methods. In Pennsylvania especially, where "Director's day" is a regular feature, where the whole county 18 represented by its school officers, who come face to face with its teachers, discussing with them the qualifications for teaching and the wages to be paid, where the State Superintendent comes with

annually permeated with new educational life. The teacher's miscellany is not meagre. When such men as Milton, Locke, Freebel, and Diesterweg have written; when John Stuart Mill, Jacob Bright, Hepworth Dixon, and scores of able ones in our own country, are writing upon the vital educational questions of the day, there is no excuse for ignorance on the part of teachers. In Austria, Switzerland and Prussia I did not find a teacher who

a warm heart and ready brain to admonish and advise, the teachers

are not only invigorated and encouraged, but the whole State is

had not some book upon teaching.

III. Teachers should have more heart in their work. Broad culture and thorough preparation will do more than anything else in bringing about this desideratum. Holland says: "The work of teaching should be done by men and women of the purest motives, the noblest enthusiasm, the finest culture, the broadest char-

ity and the most devoted Christian purpose."

The worth of such teachers cannot be estimated this side of eternity. ity. They will never be accused of lacking heart in their work.

5. APPLYING THE SURPLUS.

It was a wise provision of the Ontario Government that dictated the application of the scattered surplus to works of public utility. We see by the Report of the Inspector of Schools for the County of Oxford, that a large portion of the houses used are in a lamentable condition. It is not necessary to specify all the deficiencies as to comfort and decency, that are reported by Mr. Carlyle. It is enough to know that in this advanced section, where wealth abounds, such is the state of public taste, that thirty per cent. of the schoolhouses are classed either as "poor" or "very poor;" that the condition of the school furniture and apparatus is even in a condition Worse, if posible, than the buildings. It is not a little singular that in the Township of Blandford, a yard or enclosure to a schoolhouse is unknown, with one exception; and that one is classed as "Very poor." It is no wonder, when the spirit of economy rages to such an extent and the buildings are thus pronounced, that the poor" inmanagement, as in many cases, should be set down as " deed. It is much to the credit of several of the teachers, who labour under the disability of the absence of accommodation, and without auxiliaries, that the standing of their pupils as to education is favourably reported. It is however, when we come to the general remarks of the Inspector, that we are given to understand the actual state of affairs. Anything more distressing than is here to be found found, can not be imagined. Out of one hundred and twenty seven schools, not one is reported as satisfactory. "Bad management," "wretched accommodation," "outside interference," "insufficient classification," "over crowded," "cheap Teachers," "cared for by nobod." are the reasons assigned by the Inspector. Now if we consider for a moment, the consequences of all this can be fully and fairly estimated. The season of instruction in this country, in most cases, is but short; it is the more necessary then that our young people, while at school, shall have every facility. Every thing that money and taste can procure should be called into requisition, as well to make the school and its surroundings attractive and greeable, as that the teacher's qualification shall be up to a given standard. It was enough in the early days of the country that children had drawbacks to overcome, and that the accommodation was poor. Now, however, when every farmhouse has its piano, or its melodion, and its sewing machine, and a carriage and silver habits of the rising generation. Ex nihilo nihil fit; or to put it in pass unobserved.—Iowa School Journal.

plain Saxon, you cannot make a silk purse out of a sow's ear; so if we neglect to give to our sons and daughters—not merely the rudiments of an education but acquaintance with the habits and surroundings of proper culture, and never cause them to feel that life has higher pleasures than the display of wealth, we check the growth of usefulness and blast the prospect, except at terrible dis-

advantage. Great allowances have to be made for much of that giving a contrast to the people of this and older countries. When our unaided resources are not only ample, but when the Legislature has wisely stepped in and placed in our keeping, more than sufficient to render every school in the country what it should be -comfortable and commodious within, and attractive in its surroundings—let us hope that that share of the surplus given to the municipalities of Oxford will be applied liberally and with taste, to the improve-ment of our educational institutions. Let it not be said that we improve our farm steadings and add to our account at the banker's, while we dwarf the mental proportions of our youth by the wretched provision made for the growth of taste and of scholastic acquirements. The deficiencies of the early settlers are noticed under a modest mien; but the shortcomings of young men and young women of to-day glare terribly in the sunlight of a civilization that takes little account of a hoarding a few dollars, or the acquisition of a few acres. While we deplore the exhibit given by the Inspector, sensible people will consider the exposure timeous; and Mr. Carlyle and the Teachers' Association could engage in no work of more advantage than that resulting in a complete change in the character of our schools. Now is the time to press the subject home to the people. - Woodstock Times.

Knowledge may increase sin if the heart be not educated as well as the head.

The facts which a child learns at school are of less practical value than the habits of thought and feeling which he acquires. The mental act is more important than the acquisition.

The more I think of it I find this conclusion more impressed upon me,—that the greatest thing a human soul ever does in this world is to see something, and tell what it saw in a plain way. Hundreds of people can talk for one who can see. To see clearly is poetry, prophecy, and religion,—all in one.—Ruskin.

The school is no place for a man without principle. I repeat, The school is no place for a man without principle. Let such a man seek a livelihood anywhere else; or, failing to gain it by other means, let starvation seize the body, and send the soul back to its Maker as it is, rather than he should incur the guilt of poisoning youthful minds, and dragging them down to his own pitiable level. If there can be one sin greater than another, on which heaven frowns with more awful displeasure, it is that of leading the young into principles of error and debasing practice of vice. - Page.

It is too late in the day to think of damming up the stream of popular enlightenment; it is clear that more and more of art and science and personal education, domestic comfort and refinement are to inundate the world, until there shall be no room for ignorance, either of the laws of the human mind, or of the physical globe we live on. Where the front rank of intelligence now stands, the rear rank shall presently stand, while the great procession of humanity gradually advances higher and higher up the mountain of knowledge, and looks down upon its old ignorances and mistakes, its superstitions and delusions, with wonder ever to have lived under their influence, and with joy and gratitude in having escaped from their dominion.—Liberal Christian.

Teach as we use in after life. Teach from the known to the unknown. Teach pupils to do things. Teach the how before the why. Do not tell, but draw out. Teach as much as possible by application. Teach by topics. Teach at every recitation something not found in the books. Give class instruction as much as possible. Remember that change is rest.

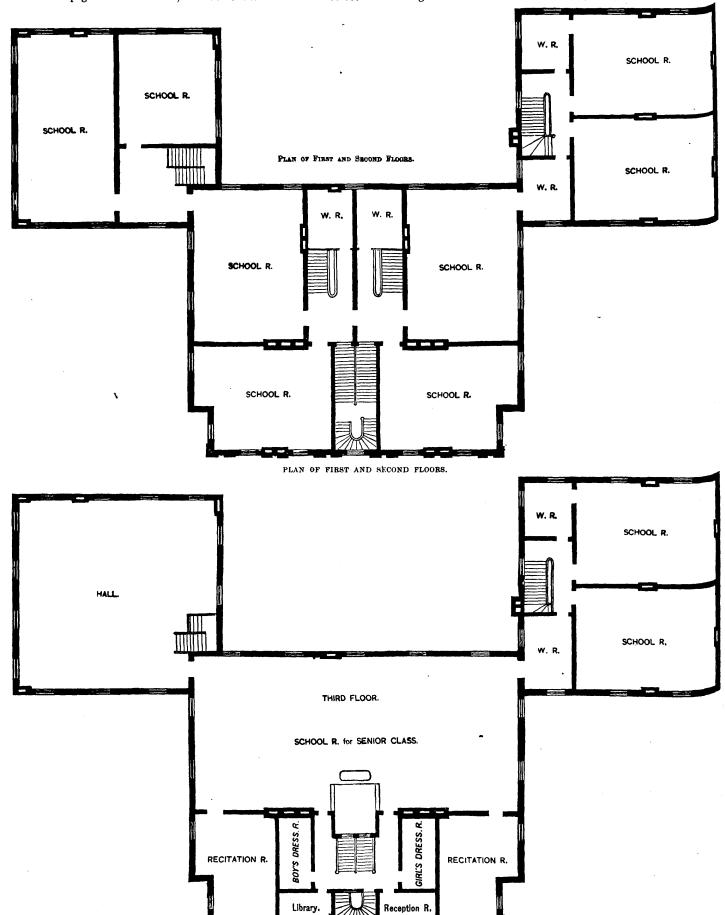
Teach what will be used in after life.

It will always bring a rich reward of respect to be polite to your pupils. Children relish and appreciate an "if you please" and a "thank you," and it adds to their self-respect, without which there is no true worth. Give your example to your precepts. Children anounted harness are necessaries to go to church or get to market, can detect sham as well as grown people, and will often notice inconsistencies in walk and conversation that older people might

V. Improved School Architecture.

The handsome engraving of a school building which we insert on the first page of this Journal, is that of the Wadsworth Street one having a direct communication with the other.

School in Hartford, Connecticut. The elevation is neat, plain and handsome, and very suitable for a central or superior high school. The interior arrangement, it will be seen on examination, is very convenient. It combines the advantage of a triple building; each



We are not at all in favour of a three-story school-house. difficulty and delay of getting up and down, apart from the fatigue of doing so, would be fatally increased in the event of a sudden panic in the case of fire or other calamity. Besides the incessant noise overhead, and in going up and down the necessarily numerous stairs, is in itself a strong objection to a three-story school-house. In this country, where land is abundant, a three-story school-house is most undesirable, especially as the additional cost required in order to secure proper ventilation more than makes up for the so-called economy of such an erection. The accumulation in one building, where there are so many young and delicate lungs, of quantities of vitiated air is greatly to be deprecated; and this of itself should be considered a sufficient objection, even apart from any improved modes of ventilation which might be adopted. are many days in the year, both in the extreme sultriness of summer and the cold and fogginess of spring, autumn and winter when even the best system of ventilation will be found unequal to the task of removing impure and providing fresh air, and this difficulty is always greatly increased when large numbers are gathered together in one building on such days.

The combined system of school accommodation illustrated in these plans will be found of great advantage during the winter months and on wet days. It will also be found to promote economy in

heating, lighting and supervision.

POISONING BY BAD AIR IN SCHOOL HOUSES.

POISONING OF THOUSANDS OF CHILDREN IN THE PUBLIC SCHOOLS OF NEW YORK.

BUREAU OF SANITARY INSPECTION,

February 18, 1873.

To the Board of the Health Department. Colonel Emmons Clark,

Sir-I have the honour to report that, in connection with the recent inspection of public-school buildings and factories, made by the health inspectors, I directed, on the 3rd instant, Dr. H. Endemann, Assistant-Chemist of the Department, to collect specimens of air from a few of the schools and other public buildings, and submit them to chemical analysis for the purpose of deter mining the amount of carbonic acid and other impurities. This duty he has performed, and I herewith present a brief abstract of his report.

THE AIR IN THE PUBLIC SCHOOLS.

From our public schools Dr. Endemann obtained seventeen samples of air, the examination of which determined the presence of carbonic acid, varying in amounts from 9.7 to 35.7 parts in 10,090; or, in other words, from more than twice to nearly nine times the normal quantity. The ventilation in these buildings is generally faulty, and can be obtained only by opening the windows—a practice detrimental to the health of the children who sit near or directly under them. The following experiment made in the Roose-velt Street School, shows the inefficiency of ventilating flues in the walls unprovided with means for creating an upward current. An examination of the air in one of the class-rooms provided with a ventilating flue was made while one of the windows was opened, and yielded 17.2 parts of carbonic acid in 10,000. The window was then closed, and after the lapse of ten minutes another examination gave 32.2 parts of carbonic acid, or an increase of 15.6 Parts. The experiment now became to the teacher and children so oppressive that it was not continued. Dr. Endemann says: If the accumulation of carbonic acid had been allowed to continue, we might have reached within one hour the abominable figure of 110." The following is a statement of the average result obtained from the several experiments made in each school:

Elm Street.	Experiments.	Carbonic Acid. 14.6	9
WOSevelt Street	2	19.5	0
Thirteenth Street, near Sixth Aven	iue 2	28·1 21·3	8
Greenwich Struct	• • • • • • • • • • • • • • • • • • • •	17.6	
Vandewater Street		14·7 24·2	

quantities in proportion to the amount of carbonic acid exhaled, it follows that air vitiated by respiration is far more deleterious than all public schools. Smokers in America should make a air vitiated by the same amount of carbonic acid from other sources; note of these facts.

We have not been able to procure a plan of the ground plan, but those of the first, second and third floors are inserted.

He have not been able to procure a plan of the ground plan, but high sanitary authority (Dr. Parkes and others) at six parts of carbonic acid in 10,000 of air, it is evident that the best practical talent should be engaged in designing and perfecting means for securing to our public schools adequate and thorough ventilation.

Respectfully submitted,

C. H. JANES, M. D., City Sanitary Inspector.

VI. Miscellaneous.

1. THE BATTLE OF LIFE.

Go forth to the Battle of Life, my boy, Go while it is called to-day; For the years go out, and the years come in Regardless of those who may lose or win; Of those who may work or play.

And the troops march steadily on, my boy, To the army gone before; You may hear the sound of their falling feet, Going down to the river where the two worlds meet; They go to return no more.

There is room for you in the ranks, my boy And duty, too, assigned:
Step into the front with a cheerful grace—
Be quick, or another may take your place, And you may be left behind.

There is work to do by the way, my boy, That you never can tread again,
Work for the loftiest, lowliest men—
Work for the plough, adze, spindle and pen;
Work for the hands and the brain.

The serpent will follow your steps, my boy, To lay for your feet a snare; And pleasure sits in her fairy bowers, With garlands of poppies and lotus flowers
Enwreathing her golden hair.

Temptations will wait by the way, my boy, Temptations without and within And spirits of evil, in robes as fair
As the holiest angels in heaven wear,
Will lure you to deadly sin.

Then put on the armour of God, my boy, In the beautiful days of youth; Put on the helmet, breastplate and shield, And the sword that the feeblest arm may wield In the cause of right and truth.

And go to the battle of life, my boy, With the peace of the Gospel shop, And before high heaven do the best you can For the great reward, for the good of man, For the kingdom and crown of God.

2. BOYS, READ AND HEED THIS!

Many people seem to forget that character grows; that it is not something to put on, ready made with womanhood or manhood; but, day by day, here a little and there a little, grows with the growth and strengthens with the strength, until, good or bad, it becomes almost a coat of mail. Look at a man of business—prompt, reliable, conscientious, yet clear-headed and energetic. When do you suppose he developed all these admirable qualities? When he was a boy? Let us see the way in which a boy of ten years gets up in the morning, works, plays, studies, and we will tell you just what kind of a man he will make. The boy that is late at breakfast, and late at school, stands a poor chance to be a prompt man.

The boy who neglects his duties, be they ever so small, and then excuses himself by saying, "I forgot! I didn't think!" will never be a reliable man. And the boy who finds pleasure in the suffering of weaker things will never be a noble, generous, kindly man-a gentleman.

3. SMOKERS AND NON-SMOKERS.

A comparison made between the smokers and non-smokers be-As expired air contains not only this poisonous gas, but also effete animal matter escaping from the bodies of those present, and in quantities in properties to the animal matter escaping from the bodies of those present, and in quantities in properties to the animal matter escaping from the bodies of those present, and in quantities in properties to the animal matter escaping from the bodies of those present, and in quantities in properties to the animal matter escaping from the bodies of those present, and in quantities in properties to the animal matter escaping from the bodies of those present, and in smokers lost grade constantly. In 1861 the Minister of Public In-

4. DON'T BE IN A HURRY TO GO FROM THE FARM.

Come boys, I have something to tell you: Come here, I would whisper it low You're thinking of leaving the homestead, Don't be in a hurry to go. The city has many attractions, But think of the vices and sins, When once in the vortex of fashion, How soon the course downward begins.

You talk of the mines of Australia, They're wealthy in treasure, no doubt, But ah, there is gold in the farm, boys, If only you'll shovel it out. The mercantile life is a hazard, The goods are first high, then low, Better risk the old farm awhile longer-Don't be in a hurry to go.

The great busy West has inducements, And so has the busiest mart, And wealth is not made in a day, boys, Don't be in a hurry to start. The banker and broker are wealthy-They take in their thousands or so Ah, think of their frauds and deceptions; Don't be in a hurry to go.

The farm is the safest and surest; The orchards are loaded to-day; You are free as the air on the mountain, And monarch of all you survey; But stay on the farm awhile longer, Though profits come rather slow, Remember you've nothing to risk, boys, Don't be in a hurry to go.

5. CURIOSITIES OF HUMAN LIFE.

Care has been taken to make the following statements accurate, the best authorities having been consulted in their preparation.

LENGTH OF HUMAN LIFE.

The average length of life is	30	years.
One-fourth die before the age of	8	"
One-half before the age of		
The rich live an average of		
The poor " "	32	66
One of 1,000 persons reaches	100	"
One of 500 " · "		
Six of 100 " reach		
DIA OI 100		

The average duration of life is greater now than ever before. According to Dupin the average length of life in France from 1776 to 1843 increased 52 days per annum. Mr. Macaulay states that in 1685 the deaths in England were as one to 20; in 1850, 1 to 40. The rate of mortality in 1781 was 1 to 29; in 1853, 1 to 40.

An able professor of the University of Berlin has lately made the following estimate of the population of the globe:

DEATHS.	
Total	1,283,000,000
Australia	2,000,000
America, North and South	200,000,000
A frica	89.000.000
Asia	720,000,000
Europe	272,000,000

The number of deaths per annum, as founded on statistics for 1870, is......32,850,000 90,000 The number of deaths per day is..... hour is..... 3,750 " minute averages..... $62\frac{1}{6}$

BIRTHS.							
The averag	e numbe "	"	births per	day ishour isminute is	4,500		

MARRIED AND SINGLE.

The married live longer than the single. The mortality among bachelors between the ages of 30 and 45 is 27 per cent; among married men between the same ages, 18 per cent. 78 married men 18 oz. of food, equal to 10 oz. of nutritious matter.

reach 40, while only 41 bachelors arrive at the same age. At the age of 60 the advantage in favour of married life has increased 20 per cent.

OF THE SEXES.

There are more males than females born by 4 per cent. At the age of 20 there are more females than males. At the age of 40 the preponderance is again on the other side, and there are more males than females. At 70 the sexes are again even. Between 70 and 100 years there are 15,300 more women than men, or an excess of 5 per cent. The mortality of women is greatest between the ages of 20 and 40. After 40 years of age the probabilities of longevity, as is shown, are far greater for females than for males.

OF SUICIDES.

Three-fourths of all suicides are males. The greatest number are caused by divorces. The least number are among the married, next the unmarried, next the widowed. One-third of the cases are due to mental disease; one-ninth to physical suffering; one-tenth to fear of punishment or shame; one-ninth to family quarrels; oneninth to drunkenness, gambling, etc.; one-twentieth to disappointed love. The ratio of suicides, as given by M. Decaisne before the French Academy of Sciences, is as follows: London, 1 in 175 deaths; New York, 1 in 172; Vienna, 1 in 160; while in Paris it has reached the shocking number of 1 in 72.

The average weight at birth is 6½ pounds,—the weight of males a little exceeding that of females; the extremes of weight at birth are 2 and 12 pounds. At 12 years of age the sexes are of nearly equal weight, after which limit the males are heavier than females. At 20, males average 143 pounds, females 120 pounds. At 35, males reach their ultimate of weight, which is 152 pounds. At 50, females average 129 pounds, having gained but 9 pounds in 30 years. The weight of males at full growth averages 26 times their weight at birth; that of females 20 times. The average weight of all people together is 100 pounds.

BRAIN WEIGHT.

The theory that as a given quantity or weight of brains is necessary for the exercise of the mental faculties, therefore all men are provided with an equal quantity, has been latterly exploded. Inquiry has demonstrated that there is a difference in the average brain weight of races and nations, and a still greater difference in that of individuals, as the following facts will show.

English average weight	ounces.
French, "	"
Germans, " "	"
" another estimate44.10	"
Italians, average weight	66
Dutch, " "	"
American (aboriginal races)	"
Lapps, Swedes, and Frisians46.58	"
Vedahs and Hindoos of Asia	"
Mussulmans42.30	"
Khouds, of India (aboriginal)37.87	"
African races from 38.00 to	"
The Kaffre high, Buchman low (Australian races) 40.50	"
Malays and Oceanic races from 39.56 to43.70	66

The maximum weight of the human brain (Cuvier's) is 64.50 ounces; the minimum weight (idiots), 20 ounces.

Average	weight,	male adul	.t	49.50	ounces.
"	"	female "	41.00 to	47.00	"

The heaviest individual brains on record next to Cuvier's are,

Daniel Webster	64.00 or	inces.
Dr. Abercrombie	63.00	"
Dupuytren (French surgeon)	62,50	"

DIVISIONS OF LIFE.

A French statistician has estimated that a man 50 years of age has slept 6,000 days; worked 6,500 days; walked 800 days; amused himself 4,000 days; was eating 1,500 days; was sick 500 days; ate 17,000 pounds of bread, 16,000 pounds of meat, 4,600 pounds of vegetables, eggs, etc., and drank 7,000 gallons of liquid of all kinds. This amount of liquid would make a lake 300 feet square and 3 feet in depth.

THE NECESSARY DAILY PROPORTION OF FOOD.

Dr. Mott gives the following daily proportion of food as requisite to sustain life healthfully and soundly:

1st Class.—Persons of moderate health and little exercise, 12 to

2nd Class.—Persons of good health and ordinary labour (mechanics, etc.), 18 to 24 oz. of food, equal to 16 oz. of nutriment.

3rd Class.—Persons of sound health, hard labour, and consequent violent exercise, 24 to 30 oz. of food, equal to 22 oz. of nutriment.

THE HUMAN MACHINERY.

A fully-developed man has 60 bones in his head, 60 in his thighs and legs, 62 in his arms and hands, and 67 in his trunk; making a total of 249 bones. Such a frame will contain 15 quarts of blood, weighing two pounds each. Every pulsation of the heart discharges two ounces of blood, which is an average of a hogshead an hour. The united length of the perspiratory tubes is 28 miles, and they drain from the body an average of 3½ pounds of matter per day, which is five eighths of all that the body discharges.

The human body contains over 500 muscles. The intestines are feet in length. The finger-nails grow their full length in 41 24 feet in length. The finger-nails grow their tull length in the months. A man 70 years of age has renewed his finger-nails 180 months. times. Allowing each nail to be half an inch long, he has grown 7 feet 9 inches of nail on each finger, and on fingers and thumbs to-

gether, a total of 77 feet and 6 inches.

The heart makes an average of 64 pulsations in a minute, which is 3,840 in a hour, and 92,160 in a day. Two-fifths of the oxygen inspired disappears with each inspiration, the place of which is supplied by the carbonic gas thrown off by expiration. Thus each adult person ought to consume 45,000 cubic inches of oxygen every 24 hours, and in the same time he generates 18,000 cubic inches of carbonic acid gas.

Every moment during life a portion of our substance becomes dead, combines with some of the inhaled oxygen, and is thus removed. By this process it is believed that the whole body renews itself every seven years.—V. V. in Phrenological Journal.

6. IRISH ELEMENT IN THE ENGLISH CIVIL SERVICE

The Saturday Review commenting on the report of the Civil Service Commissioners, says that one result of the scheme will be that, before many years have passed, the Irish element in the civil service will be by far the strongest. In the last eighteen months two hundred and forty "important appointments have been assigned as the reward of merit to successful candidates." Of these candidates, seventy-five were English, twenty-three Scotch, and one hundred and forty-two Irish. The Commissioners say:—"It may not be uninteresting to note, as resulting from these figures, that there is a great difference in the amount of success achieved by the candidates of the three kingdoms, more than one-half of the successful competitors having been examined in Ireland, less than onethird in England, and less than one-tenth in Scotland; and, further, that while the proportions of prizes won to candidates sent up was in England not quite one out of ninety-one, and in Scotland less than one in twelve, in Ireland it amounted to somewhat more than one out of six.'

POPULATION OF THE GLOBE.—There are on the globe 1,288,000-000 souls, of which 360,000,000 are Caucasians; 522,000,000 are Mongolians; 190,000,000 are Ethiopians; 176,000,000 are Malayans; 1,000,000 are Indo-Americans. There are 8,642 languages spoken, and 1,000 religions. The yearly mortality of the globe is 42,043,000 persons. That is at the rate of 115,200 per day, 4,800 per hour, 80 per minute. Among 10,000 persons, one arrives at the age of 100; one in 500 attains the age of 80; one in 100 to the age of 70. In 100 persons, 95 marry.

VII. Educational Zutelligence.

The late English papers bring intelligence of a new experiment at the Normal College at Chichester in the training of "ladies of gentle birth" and high culture in the business of elementary teaching a work which has heretofore been undertaken only by women of lower social standing. The movement has the official sanction of the Privy Council on Education. We also learn that women are Preparing to compete for the mathematical prizes of the universities.

The increasing demand for instruction in the elements of the natural sciences in common schools, makes it important that the subject receive special attention in teachers' institutes.

Boston has sent to the Vienna Exposition thirty large cases of articles, representing the city schools, including the buildings, fittings, furniture, apparatus, books, etc. Supt. Philbrick has been granted a leave of absence for five months, and will make a tour of Europe, visiting the Exposition.

The alumni of Yale College some time ago undertook to raise for the benefit of their Alma Mater a fund of \$500,000, to be known as the Woolsey Fund. One of their number, Mr. James Knox, of Knoxville, Illinois, has just contributed to it \$10,000, which he modestly terms "his mite," and we learn that from all quarters the committee are receiving the most encouraging answers to their appeal. There could not be a more eloquent testimony to Yale than the existence of such a spirit among its children.

It is already known that Mr. Henry W. Sage, of Brooklyn, has presented to Cornell University a sum of \$250,000 for the promotion of female education in that institution, and another sum of \$30,000 for the erection of a university chapel. It is now announced that his son, Mr. Dean Sage, has given \$30,000 to Cornell to establish a course of university sermons by distinguished divines.

The Yale College Laws have been recently revised and republished. Most of the old laws, which have long become dead laws, are omitted, the present including only those which any student may rationally be expected to observe. Five books of the Anabasis, and all of Plain Trigonometry will hereafter be required of candidates for admission, instead of the two books of the Anabasis and the first two of Euclid. The youngest age at which a candidate can be admitted to the freshman class has also been changed from fourteen to fifteen years.

Knox College.—Professor Cavan, of Knox College, Toronto, made the gratifying announcement last month, at the closing lecture of the session, that \$10,800 had been subscribed in Toronto alone towards the erection of new college buildings. There were seven subscriptions of \$1000 each. Since then, we are glad to learn that subscriptions for the re-building of Knox College still come in to a very gratifying amount. In Toronto, upwards of \$20,000 have been subscribed, and a considerable amount more is still expected. The other parts of the Province have not yet to any great extent been canvassed, but wherever Professors Cavan and Gregg have gone, they have met with a most cordial welcome and very gratifying success. Profossor Gregg, last week, paid a flying visit to Belleville and Kingston, and received subscriptions to the extent of upwards of \$2,000. More than double that amount may be expected from those two places. In Guelph \$2,007 have been subscribed. and another thousand at least is fully reckoned upon. In Galt \$1,500 has already been promised, and as much more, at any rate, is looked for. A few friends in Mitchell and Drummondville have given \$760 without being sollicited, but when these places are canvassed a good deal more will be secured. The state of the fund then, at present, stands as follows :-

Toronto	\$20,285
Belleville	675
Kingston	1,480
Guelph	2,007.
Galt	
Mitchell	500
Drummondville	260

\$26,707

We understand that Professors Cavan and Gregg-who have taken up the matter energetically and have succeeded so well hitherto in their canvass-purpose to leave immediately for London. They are to preach there to-morrow in the two Presbyterian Churches, and intend to solicit subscriptions in that locality during the coming week. We have no doubt that London will not be behind hand-nor will Hamilton, to which these gentlemen return next Saturday-preaching on the Sabbath, and pursuing their work of canvassing on the following days. The friends of Knox College throughout the country must be very much obliged to these gentlemen for entering so energetically upon this work. No agents that could have been employed could be more acceptable or more successful,-Globe.

III. Mouthly Beport on Meteorology of the Arovince of Outurio.

Esq. Observers:—Pembroke—R. G. Scott, Esq., M.A.; Cornwall—James Smith, Esq., A.M.; Barrie—H. B. Spotton, Esq., M.A.; Peterborough—J. B. Dixon, Esq., M.A.; Belleville—A. Burdon, Esq., B.A.; Goderich—Hugh J. Strang, Esq., B.A.; Stratford—C. J. Mackregor, Esq., M.A.; Hamilton—J. M. Buchan, Esq., M.A.; Simcoe—Dion C. Sullivan, Esq., LL.B.; Windsor—J. Johnston, Esq., B.A. ABSTRACT OF MONTHLY METEOROLOGICAL RESULTS, compiled from the Returns of the daily observations at ten High School Stations, for MARCH, 1873.

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Approximation. dOn Lake Simcoe.

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A Where the	e clouds have cont	Where the clouds have contrary motions, the higher current is entered here.	rrent is entered here.	e 10 denotes t	hat the sky is cover	d with clouds	old denotes that the sky is covered with clouds; Odenotes that the sky is quite clear of clouds	e sky is qu	ite clear of clouds.	

a Where the clouds have contrary motions, the higher current is entered here. A Velocity is estimated, 0 denoting calm or light air; 10 denoting very heavy hurricane

REMARKS

PEKEROKE.—Lunar halo, 8th. Wind storms, 16th, 17th. Snow, 11th, snow, 26th. Crows seen. 18th, 20th, 21st, 26th. Rain, 7th, 8th, 15th, 28th, 29th. Solar halo, 4th, 18th,—Crows seen. Wind storms, 17th, than 4t p.m., 13th, omit 2steft. Snow, 3rd, 4th, 11th, 13th, 15th, 16th, 19th, 21st—23rd, Petersenson over and starn, 8th, 29th, 30th. First wheeling on 8th. Wind storm, 15th, 16th, 18th—Sleighing scain, 19th to 31st.

Barrie.—Great storm of wind, 15th—16th. Storm of wind and 29th. Uninterrupted ste

smow, 26th. Crows seen, 19th. Snow, 1st, 2nd, 8th, 11th, 12th, 15th, 15th, 18th—21st, 25th—27th, 31st. Rain, 7th, 15th, 29th. Observation at 1 p.m., 13th, omitted.
Peressborous.—Circle round moon, 6th and 10th. Crows, 15th.
Wind storm, 15th, 16th, 13th, 16th, 13th, 16th, 25th, 26th, 26th, 28th, 28th, 28th, 16th, 18th—21st, 23rd, 26th, 26th, 31st. Rain, 7th, 15th, 29th.
Sprarreord.—13th, 15th, 23rd, 25th, 26th, 31st. Rain, 7th, 15th, 29th.

Belleville.—Wind storm, 16th, commenced 11 p.m., 15th, almost a hurricane. Snow, 2nd, 3rd, 10th, 11th, 14th. 15th, 18th, 20th—22nd, 26th, 27th. Rain, 7th, 8th, 15th, 29th, 31st. Godenica.—Wind storm, 8th. Fog. 29th. Snow, 1st, 3rd, 8th, 10th —12th, 18th—21st, 24th—26th, 30th. Rain, 7th, 14th, 15th, 19th, 28th, 29th. Sprarrence.—Lightning and thunder, with rain, 15th, 3 a.m. Wind

storms, 7th, 8th, 10th, 23rd, 26th. Fog, 14th. Snow, 2nd, 8th, 10th, 11th, 18th, 20th, 21st, 25th, 26th, 30th, 31st. Rain, 7th, 14th, 15th, 19th, 20th, 28th, 29th. Difference of mean monthly temperature from average of twelve years, -2°. Sparrows seen, 15th.

HAMILTON.—Hawk seen, 14th. Garden phlox peeping out of ground Wind storms, 24th, 25th. Fog, 28th. Snow, 2nd, 3rd, 8th, 11th, 12th, 16th, 18th, 20th, 21st, 25th, 26th, 31st. Rain, 7th, 8th, 11th, 15th, 19th, 20th, 29th.

SIMCOE.— Wind storms, 8th, 15th, 24th. Snow, 2nd, 26th (great storm). Rain, 3rd, 6th, 7th, 9th, 14th—16th, 20th, 28th—31st. A rainy month, cold and disagreeable. Epizootic prevailed to an alarming extent.

WINDSOR.—Wind storms, 8th, 15th, 20th, 21st, 24th, 25th. Snow, 1st, 7th, 9th, 14th, 21st, 24th—26th, 31st. Rain, 15th, 18th, 29th, 30th.

IX. Departmental Aotices.

INTER-COMMUNICATIONS IN THE "JOURNAL."

As already intimated, a department is always reserved in the Journal of Education for letters and inter-communications between Inspectors, School Trustees and Teachers, on any Subject of general interest relating to education in the Province. As no personal or party discussions have, ever since the establishment of the Journal, appeared in its columns, no letter or communication partaking of either character can be admitted to its pages; but, within this salutary restriction, the utmost freedom is allowed. Long letters are not desirable; but terse and and pointed communications of moderate length on school management, discipline, progress, teaching, or other subjects of general interest are always acceptable, and may be made highly useful in promoting the great objects for which this Journal was established.

SUNDAY SCHOOL BOOKS AND REQUISITES.

Application having been frequently made to the Department for the supply from its Depository of Sunday School Library and Prize Books, Maps and other requisites, it is deemed adviced by the subject visable to insert the following information on the subject.

1. The Department has no authority to grant the one hundred per cent. upon any remittance for Library or Prize Books, Maps or Requisites, except on such as are received from Municipal or Public School Corporations in Ontario. Books, Maps, and other Requisites suitable for Sunday Schools, or for Library or other similar Associations, can however, on receipt of the necessary amount, be supplied from the Depository at the net prices, that is about twenty-five or thirty per cent. less

than the usual current retail prices.

2. The admirable books published in England by the Society for Promoting Christian Knowledge, and by the London Religious Tract Society, are furnished from the Societies' catalogues at currency for sterling prices (i. e. a shilling sterling book is furnished for twenty cents Canadian currency, and so on in proportion.) These two catalogues will, as far as possible, be furnished to parties applying for them. Books suitable for Sunday Schools are received from the other large religious societies, Presbyterian and Methodists, and from the various extensive publishers in Britain and the United States, but the list would be too extensive to publish separately.

3. On receiving the necessary instructions, a suitable selection can be made at the Department, subject to the approval of the Parties sending the order. Any books, maps, &c., not desired which may be sent from the Depository, will be exchanged for

others, if returned promptly and in good order.

NO PENSIONS TO PUBLIC SCHOOL TEACHERS UNLESS THEY SUBSCRIBE TO THE FUND.

Public notice is hereby given to all Teachers of Public Schools, or Teachers of the English branches in High Schools, or Inspector, if they have not already done so, their subscrip-will, therefore, apply to the Inspector for them.

tions, at the rate of \$5 per annum for each preceding year commencing with 1854, and at the rate of \$4 per annum for the current year's subscription. The law authorizing the establishment of this fund provides, "That no teacher shall be entitled to share in the said fund who shall not contribute to such fund at least at the rate of four dollars per annum." No pension will be granted to any teacher who has not subscribed to the fund, in accordance to the preceding regulations of the Council of Public Instruction; nor can one be granted for any year of teaching for which the subscription has not been paid.

EXAMINATIONS PAPERS IN SETS.

The entire set of Examination Papers for First, Second, and Third Class Teachers, neatly stitched, can be sent free of postage on receipt of sixty cents. Those used in the Normal School during the last and previous Sessions, or those used at the County Examination for Second at Third Class Teachers, can also be sent.

SHEET LESSONS ON GENERAL GEOGRAPHY,

PRINTED SHEETS FOR SCHOOLS.

2. 3. 4. 5.	The New Programme The New Limit Table A Blank Time Table Duties of Pupils The Ten Commandments	Large	sheets sent free
7. 8. 9.	Library Regulations	Small Sheets.	The ten she of postage

TABLET READING SHEET LESSONS.

Being the First Book of Lessons in Tablet form, in thirty-three sheets, 75 cents (By post, postage paid)...... Price \$1 00 Mounted on 17 sheets of thin cardboard 2 00 4 00 Mounted on 17 sheets of stiff cardboard, varnished. Mounted on 33 sheets of stiff cardboard, varnished. 6 00

The hundred per cent is allowed on those and the Geography sheets.

CANADIAN SCHOOL MAPS AND APPARATUS.

Sets of the two new series of maps of Canadian manufacture are now ready, and can be had, by school authorities, at the Education Depository, Toronto, either singly, in wall cases, or on rotary stands, embracing Maps of the World; Europe, Asia, Africa, and America, of two sizes; the British Isles, Canaan and Palestine, and British North America.

Terrestrial and Celestial Globes, of Canadian manufacture, of the following sizes: three (hemisphere), six, twelve, and eighteen

inches in diameter, and on various kinds of frames.

NEW SCHOOL REGISTERS.

In reply to numerous applications for Public School Regiswho are legally qualified Public School Teachers in Ontario, who may wish a result of the English branches in High Schools, ters, &c., we desire to say that the new edition (including the modifications in the courses of study required by the new School who may wish to avail themselves at any future time of the Act) has been sent out to the County Clerks for distribution advant to the County Clerks for distribution advantage will be sent out direct to in advantages of the Superannuated Teachers' Fund, that it will through the Inspectors. No copies will be sent out direct to inbe necessary for them to transmit to the Chief Superintendent dividual schools from the Education Department. Trustees

THE NEW MAP OF THE DOMINION.

We are glad to state that the new and revised Map of the Dominion will be published about the first part of July.

The long delay and disappointment in the publication of the Map, (which we greatly regret) were caused by the extreme difficulty of getting experienced workmen to complete it.

The publishers in their anxiety to meet the wishes of the Department, inserted advertisements in British, Continental, and American papers for skilled engravers, capable of finishing, in the proper style, this and other maps for this Department; but owing to the recent strikes of all kinds of artisans, and the application of steam to lithographic presses, therefore requiring more engraving to be done to keep them going, skilled work-men were most difficult to obtain. The Publishers succeeded, however, in getting a supply.

The trustees of High and Public Schools, who have sent in their order for the map, will have them sent as soon as possible, either by express to themselves, or (to save expense) in some cases, in large parcels, to the Inspectors,

Due notize will be sent to the different schools when their maps are ready to be despatched.

POOR SCHOOLS IN NEW TOWNSHIPS.

The grants to the Poor Schools in New Townships (the applications from which have been received through the Local Inspector,) will shortly be certified to the Treasury Department for payment to the Treasurers of the Counties concerned. The grant is payable by the Treasurer, on the order of the Inspector, and must be applied solely to the payment of Teachers' Salaries, and not to building or repairing school houses, etc. Grants of old second hand readers and other text books, can be made to Poor Schools on application to the Department.

"OLD COUNTY BOARD" CERTIFICATES.

The question is often asked: "Can the present Board of Examiners recall the old County Board Certificates?" We reply: They cannot recall any of the old County Board Certificates which were given for life, or for a term of years. They can, however, at the proper time, recall those which were given for an indefinite time, or during the pleasure of the Board; that is those which on the face of them clearly show that they were given subject to such recall. The Department has in all cases requested the Board of Examiners not to recall these latter certificates this year, nor until the supply of teachers is more equal to the demands of the schools than at present.

VALUE AND DURATION OF CERTIFICATES.

The certificates to be awarded under these regulations are:

First Class Certificates, Grade A. do., Grade B. Do. Second Class Certificates, Grade A. do., Grade B.

Third Class Certificates.

1. First and Second Class Certificates are valid during good behaviour and throughout the Province of Ontario; and a First Class Certificate of the highest grade (A), renders the holder

eligible for the office of County Inspector.

2. Third Class Certificates are valid only in the county where given, and for three years, and not renewable, except on the recommendation of the County Inspector; but a teacher, holding a Third Class Certificate, may be eligible in less than the communication of the Education to be addressed to the Editor, J. George Hopping I. D. Education to be addressed to the Editor, J. George Hopping II. D. Education of the Editor, J. George Hopping II. D. Education of the Editor, J. George Hopping II. D. Education of the Editor, J. George Hopping II. D. Education of the Editor, J. George Hopping II. D. Education of the Editor, J. George Hopping II. D. Education of the Editor, J. George Hopping II. D. Education of the Editor, J. George Hopping II. D. Education of the Editor, J. George Hopping II. D. Education of the Editor, J. George Hopping II. D. Education of the Editor, J. George Hopping II. D. Education of the Editor, J. George Hopping II. D. Education of the Editor of the Education of the Education of the County Inspector.

Short Advisoring inspect on the postage stamps or otherwise. Terms: For a single copy of the Journal of Education of the County Back vols., neatly stitched, supplied on the same terms. All subscriptions to commence with the January Number, and payment in adversariant the county of the II. The Education of the County Inspector. holding a Third Class Certificate, may be eligible in less than three years, for examination for a Second Class Certificate, on the special recommendation of his County Inspector.

FIRST BOOK OF EUCLID FOR FEMALE TEACHERS.

Notice is hereby given that the Council of Public Instruction, at a meeting held on the 10th instant, directed that the First Book of Euclid be a subject of examination for female candidates for second and first class certificates, the subject of Domestic Economy being omitted.

This regulation will take effect at the July Examinations,

Candidates for third class certificates will be required in arithmetic, to solve ordinary questions in simple interest.

SCHOOL PREMISES AND ACCOMMODATION.

We would request the attention of Inspectors to Note a of Regulation No. 4 of their "Duties," in which they are directed to call the attention of Trustees to the condition of the School premises. In many School sections the School-house has been allowed to remain in the same state for fifteen or twenty years and longer, often on a bare open space, or on the road-side un enclosed, without a tree or shrub near by to shade it, or any provision being made by the Trustees for the convenience of health of the pupils, or even for their observance of the decencies of life. The Legislature has wisely decided that this state of things shall not continue, but that, as soon as possible, a remedy shall be applied, where necessary. A reasonable time should of course be allowed to Trustees in all cases to set thing! right; but in the meantime Inspectors will, we trust, not fail to urge upon Trustees the necessity of complying, as soon as possible, with the provisions of the law on this subject.

THE ACT OF 1871 AND SEPARATE SCHOOLS.

In reply to a question frequently asked, we desire to say that the new School Act and Regulations do not in any way affect the Separate Schools. It was not intended to affect them when the Act was passed; and it would be unjust to the sup porters of these Schools thus to legislate for them indirectly and without their knowledge. The Inspectors will, therefore, be particular not to apply the Act, or any of the new Regular tions to Separate Schools.

NORMAL SCHOOL FOR ONTARIO.

The next Session of the Normal School will commence, (D. V.) on the 8th of August. Students must be in attendance on the

X. Advertisements.

O. J. SHOWELL,

Owen Sound Architect

Plans, Details and Specifications for School-houses, combining all the most modern and improved arrangements. Letters by post to Owell Sound will receive prompt attention.

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