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JOURNAL OF EDUCATION

NOVA SCOTIA

NEW SERIES.

APRIL, 1886.

VOL. VI. No. 2.

OFFICIAL.

The following Regulations supersede those formerly in force respecting the JOURNAL OF EDUCATION:—

I.—The JOURNAL OF EDUCATION shall hereafter be published semi-annually, in the months of April and October respectively, and shall continue to be the medium of Official Notices in connection with the Department of Education.

II.—The JOURNAL will be furnished gratuitously, according to law, to each Inspector, Chairman of Commissioners, and Board of Trustees, and will be supplied to other parties wishing it at the rate of ten cents per copy.

III.—Each Secretary of Trustees is instructed and required to file and preserve the successive numbers of the JOURNAL for the benefit of his fellow Trustees and the Teacher or Teachers of his section, and their successors, and to inform his associates in office and the Teacher or Teachers of its receipt, so soon thereafter as may be convenient.

Syllabus of Examination, agreeably to which the Examinations of 1886 are to be Conducted.

REQUIREMENTS COMMON TO B, C AND D GRADES.

NOTE.—Separate papers will be prepared for each grade, carefully adapted in scope and difficulty to the grade in question.

1. The School System and School Management. (One paper.)
 - (a) To be familiar with the law relating to Public Schools in Nova Scotia, and the Regulations of the Council of Public Instruction,—particularly those portions bearing on the relations and duties of teachers.
 - (b) To evince a knowledge of School Organization under the Provincial Law and Regulations, the grading of pupils, the systematic arrangement of studies, the design and proper methods of discipline, and the conditions of physical comfort in school-room work.
2. TEACHING. (One paper.) To furnish, in the form of answers to questions and notes on suggested subjects of instruction, proof of competent knowledge of the correct methods of teaching.
3. READING AND SPELLING:
 - (a) To read with readiness, correct pronunciation and due regard to elocutionary emphasis and pauses.
 - (b) To spell correctly the words made use of.
4. WRITING: To write a fair, legible hand.

GRADE D.

I.—LANGUAGE.

English Grammar. (One paper.) 1. *Lessons on Language* in prescribed text-book. 2. The leading principles of etymology and syntax. 3. Analysis of simple sentences.

Composition. (One paper.) 1. Sentence-building, and correction of sentences involving the wrong use of words. 2. Constructing a simple narrative from furnished notes, or writing a brief essay on a prescribed topic of familiar character. 3. To show a knowledge of the proper use of capitals, and the elementary principles of punctuation.

II.—HISTORY AND GEOGRAPHY.

History. (One paper.) 1. The leading events of British History from the Norman Conquest, as contained in the prescribed *Outlines of British History*. The knowledge expected will include, (1) The Sovereign, his descent and personal character. (2) The chief events of each reign such as wars, battles, treaties, &c. (3) The character and achievements of very famous individuals. 2. The leading events of Nova Scotian history as contained in *Calkin's History of British America*.

Geography. (One paper.) *Calkin's Introductory Geography* 2. To give the boundaries and the population of the Counties of Nova Scotia. 3. To draw an outline map of any of the Maritime Provinces, or of any part of them, as may be required.

III.—MATHEMATICS.

Arithmetic. To have a fair knowledge of Kirkland and Scott's *Elementary Arithmetic*.

Algebra. To understand Todhunter's *Algebra for Beginners* to the end of Fractions.

IV.—BOOK KEEPING.

To be acquainted with the use of the Day Book and Ledger.

GRADE C.

I.—LANGUAGE.

Grammar and Analysis. (Two papers.) Prescribed text-book, except *Notes and Appendix*.

Composition and Prosody. (One paper.) Dalgleish's *Introductory Text-Book*.

II.—HISTORY AND GEOGRAPHY.

History. (Two papers.) 1. *Outlines of British History*. (Excepting Chapters treating on Social and Political Progress.) 2. *Calkin's History of British America*.

Geography. (One paper.) 1. *Calkin's Geography of the World*, (including use of Terrestrial Globes.) 2. Furnishing from memory an outline map of any Province of the Dominion, or of either Europe or North America. (Location of chief mountain ranges, rivers and cities may be asked for.)

III.—MATHEMATICS.

Arithmetic. To have such a knowledge of Arithmetic as may be gained from Hamblin Smith's *Arithmetic*, excepting sections 14, 22, 29, 32, 33.

Algebra. To have a knowledge of Algebra as contained in Todhunter's *Algebra for Beginners* to the end of Simple Equations.

Geometry. To be able to solve any problem in the First Book of Euclid's *Elements* and original exercises corresponding thereto.

IV.—BOOK-KEEPING.

To be familiar with the principles of Book-keeping by single entry, as given in Eaton and Frazee's *Elementary Treatise*.

Candidates may substitute for Book-keeping an exercise in French. The *French Principia*, Part I., will give an idea of the amount of knowledge required to answer questions set.

V.—BOTANY.

The Elements of Structural Botany as contained in Part I., of Gray's "How Plants Grow."

GRADE B.

I.—LANGUAGE.

Grammar and Analysis. (Two papers.) Prescribed text-book, including *Notes* and *Appendix*.

Composition and Prosody. (One paper.) Dalglish's *Advanced Text Book on English Composition*.

English Literature. A knowledge of the contents of Stopford Brooke's "Primer of English Literature," with a critical examination of selected passages from Shakespeare's "Julius Cæsar."

II.—HISTORY AND GEOGRAPHY.

History. (Two papers.) 1. *Outlines of British History*, with special stress on Constitutional events. 2. Swinton's *Outlines of the World's History*.

Geography. (One paper.) 1. Calkin's *Geography of the World*, with particular attention to Astronomical and Physical Geography. 2. To draw from memory an outline map of any of the Continents, or of the Dominion of Canada, or any of the five Eastern Provinces thereof, or of the British Islands, or any one thereof, with the chief rivers and mountain ranges clearly marked.

III.—MATHEMATICS.

Arithmetic. To have such knowledge of Arithmetic as may be gained from Hamblin Smith's *Arithmetic*, and to state reasons for Arithmetical rules and processes.

Algebra. To have a knowledge of Algebra as contained in Todhunter's *Algebra for Beginners*.

Geometry. To be familiar with the first four books of Euclid's Elements, and to work original exercises of corresponding character.

Practical Mathematics. To have a knowledge of contents of Eaton's *Elementary Practical Mathematics*.

Chemistry. Inorganic chemistry as in Steele's *Fourteen weeks in Chemistry*. 2. Tanner's *First Principles of Agriculture*.

Physics. Balfour Stewart's *Science Primer*. [While no questions will be set such as cannot be answered from the Primer, candidates are recommended to read Gage's *Elements of Physics*, Part I.]

French. Candidates may substitute for either Chemistry or Physics, a paper in French. *The French Principia*, Parts I. and II., will give an idea of the grammatical knowledge required to answer questions set. Extracts for translation from French into English will be from Moliere's *Le Bourgeois Gentilhomme*.

Book-keeping. To understand the principles of Book-keeping by single and double entry, as contained in Eaton and Frazee's *Elementary Book-keeping*.

Physiology. To be familiar with the Elements of Physiology and Hygiene as in Huxley and Youman's text-book, omitting Chapters III, VII, IX, X, XII, XIII, and sections 3 and 4 of Chap. VIII.

GRADE A.

Any candidate for this Grade who already holds a Provincial license of the First Class (Grade B), or who is a graduate in Arts of any Provincial College or other approved University, shall be examined simply in the subjects specified below. All other candidates shall in addition be examined in all the subjects prescribed in the Grade B Syllabus (according to the papers set for that Grade), except *School Management and Teaching*, *Algebra*, *Geometry*, *Chemistry*, *Physics* and *Physiology*, *English Literature* being for the present required of both Grades. Previous regulation regarding candidates who have made an average of 75 or upwards in Grade B branches is no longer in force.

I.—PROFESSIONAL.

School System and School Management. (a) To be familiar with the law relating to Public Schools in Nova Scotia and Regulations of the Council of Public Instruction,—particularly those portions bearing on the relations and duties of teachers and on the organization and operation of County Academies.

(b) To understand thoroughly the principles of school organization, the principles and methods of classification, the proper correlation and sequence of studies, the true aim and right modes of discipline, and the proper conditions for securing the moral and physical well-being of pupils.

(c) To be familiar with the history of leading Educational Reformers and their systems. (Under this head Quick's "Educational Reformers," may be advantageously consulted. An American edition is published by R. Clarke & Co., Cincinnati.)

Teaching. (a) To have an understanding of the faculties and fundamental laws of the human mind in their application to the science and art of education generally.

(b) To practically apply the principles thus derived to the teaching of particular subjects, especially those embraced in a high school course of study.

II.—CLASSICS.

1. *Latin and Greek Grammar.* To have such a knowledge of Latin and Greek Grammar as may be gained from Harkness's or Smith's (smaller) Latin Grammar, and Hadley's [abridged] or Smith's (smaller) Greek Grammar. To test the Candidates' knowledge of *Latin* and *Greek* as distinguished from that of particular Latin or Greek Authors, each Grammar paper will contain a short passage from some unspecified author to be translated *at sight*.

2. *Translation.* To be able to translate without the aid of a dictionary any assigned passage, or passages, from the following authors:—

Latin:—Cæsar, *De Bell Gall.* Books I and VI. Virgil, *Aeneid* Book I. Ovid, *Met.* The extracts required by College Matriculation Standards for 1886. (Fables 1, 2, 11, 12, 13, 14, 15, of Book IV, and Fables 1, 6, 7, of Book V, as in Ferguson's Edition.) Horace, *Odes* Book 1. Cicero, *De Senectute* and *Pro Archia Poeta*.

Greek:—Xenophon, *Anab.* Books I and II. Homer, *Iliad*. Books I and III. Aeschylus, *Prometheus Vinculus*.

Note. Candidates will be held liable to answer all historical, geographical and grammatical questions arising from the extracts assigned for translation or from any part of the book to which they belong. They must also be well versed in Latin and Greek Prosody, and be able to scan any assigned passages in Virgil, Horace, Homer and [in the regular dialogue] of Aeschylus.

3. *Composition.* To have such a knowledge of Latin and Greek Prose composition as may be gained from *Principia Latina*, Part IV, [or from Arnold's *Latin Prose Composition*] and *Initia Graeca*, Part III [or from Arnold's *Greek Prose Composition*.]

4. *History.* To have a good knowledge of Greek and Roman History as contained in Smith's *History of Greece*, and Liddell's *History of Rome*.

III.—MATHEMATICS AND SCIENCE.

Geometry. Plane and Solid Geometry, as in Hamblin Smith's Treatise.

Algebra. As in Todhunter's *Advanced Algebra*, or any equivalent treatise.

Chemistry. As in Wilson's *Inorganic Chemistry*.

Natural Philosophy. As in Wormell's treatise.

Note. For the present year candidates may substitute for either Chemistry or Natural Philosophy, French as prescribed in Grade B Syllabus.

Physiology and Hygiene. As in Huxley and Youman's treatise.

IV.—ENGLISH LITERATURE.

As prescribed in Grade B. Syllabus.

REGULATIONS RELATING TO WRITING AND SPELLING:—

I. It is ordered that the following addition shall be made to the Standards of Award in respect to all the Grades:

The Memos. and Official Envelopes for Provincial Examiners shall provide for the valuation by each Examiner of the papers of each Candidate in respect to penmanship, general style of mechanical execution, proper use of capitals, etc., under the general head of *writing*. Each candidate's paper in each general group shall be ranked as, *good*, *fair* or *bad*. The average otherwise obtained shall be increased .5 for each set of papers marked *good*, and diminished .5 for each set of papers marked *bad*; papers marked *fair* shall not affect the general average.

II. In order to encourage the giving attention to correct spelling, the examiners shall note and report the number of ordinary English words wrongly spelled by each candidate, and in every case where this number is under 6, an addition equal to one-half of the difference between it and 6 shall be made to the candidate's average of marks. When the number of mis-spelled words exceeds 6, a reduction shall be made from the candidate's average of marks equal to one-half the difference between such number and 6, provided that the reduction thus made shall in no case exceed 3. A candidate applying for a license of any Grade, making the required average, but mis-spelling more than 12 words, shall receive a license of the Grade next below the one applied for, but candidates for the Third-class licenses shall, in this case, receive a special Permissive license good for one year.

REGULATIONS REGARDING THE EXAMINATION.

The ensuing Annual Examination for Teachers' Licenses will be conducted agreeably to the following Regulations, and everything in regulations heretofore in force inconsistent therewith is repealed:

1. The following classes of persons, satisfying the conditions hereinafter to be named, will be admitted to examination *free of expense*.

- CLASS 1. Persons holding Provincial Licenses (not local permits).
- " 2. Persons having obtained Professional Classification at Normal School.
- " 3. Persons who produce certificates satisfactory to the Superintendent of Education, of graduation at Training or Normal School outside of the Province.

II. Other persons will be admitted who, besides satisfying conditions to follow, shall pay when admission is applied for fees at the following rates: For Grade A, \$5; Grade B, \$3; Grades C and D, each \$2. *These Candidates shall be known for the purposes of Examination as Class 4.*

CONDITIONS REQUIRED OF ALL CANDIDATES.

Each Candidate shall forward to the Inspector of the District, (not to a deputy Examiner other than Inspector) *not later than June tenth*, an application for admission to the examination, in the form furnished in the sequel. This application shall be accompanied with certificates, *bearing date within three months of time of application*, signed by a Minister of Religion, or by two of Her Majesty's Justices of the Peace, to the effect:

- 1. That the Candidate applying for First Class License (Grade B) is, if a *male*, of the full age of 18 years; if a *female*, of the full age of 17 years.
- 2. That the Candidate applying for Second or Third Class License (Grade C or D) is, if a *male*, of the full age of 17 years; if a *female*, of the full age of 16 years.
- 3. That the Candidate is a person of good moral character.

Note. Candidates will be considered as fulfilling the conditions of age above required who shall reach the limits specified according to grade and sex by the day on which the next ensuing Annual Examination shall begin—this year, July 20th.—*The regulations regarding age are passed for the protection of public interests and no official of the Educational Service has any authority to entertain applications for waiving them to meet the wish of individuals.*

ADDITIONAL.

1. Each Inspector shall forward, *not later than June twenty-fifth*, to the Superintendent of Education, a list of the applications

received, on a form to be supplied from the Education Office, transmitting therewith all connected certificates, vouchers and moneys, having duly classified and checked the same in the form aforesaid.

2. Each Candidate whose application is regular, shall receive from the Superintendent of Education, through the Inspector, a certificate of admission to the Examination at least one week before Examination begins; and a list of such candidates shall be furnished to each Inspector. Candidates may enter in their application such Station as best suits their convenience, but in respect to these counties which have had two examination Stations, the right is reserved of confining the Examination to the Central Station in charge of the Inspector, if expediency shall so dictate; in which case due notice of the change will be given to all concerned.

3. Candidates in actual attendance at the Normal School during term preceding Examination are not required to make individual application. Instead, the Principal of the Normal School shall make a general application in their behalf, clearly stating all required particulars, collecting fees from those not exempted as included in Classes 1 and 2, and stating that he is in possession of required certificates of age and good moral character. (See Note to condition 2 above.)

4. Both Candidates and Inspectors are given to understand that the dates above specified are to be strictly observed. The latter officers are not to receive applications after date. Candidates are in no case to be admitted without the certificate of admission above referred to (2).

5. 188 .
To the Superintendent of Education:

Sir,—I hereby make application to be examined for License to teach in the Public Schools of Nova Scotia, according to prescribed Syllabus for Grade.....at the Examination to be held at..... Station, on the.....day of July next. I make application as Candidate included in Class.....in Published Regulations of Council of Public Instruction, and enclose certificates of age and character. I solemnly affirm that I am, at the date of this application, of the full age of.....years. I also enclose vouchers to substantiate my claim to examination under Class.....*

*In respect to age, it will be sufficient for the parties certifying to the good moral character of applicant to express their belief, founded on proper enquiry, that the applicant's own statement as to age is truly and honestly made.

Candidates belonging to class 1 will simply state the number, grade and date of their license, and the Examination Station at which obtained.

†This blank is to be filled with the minimum age required by regulation for the grade applied for, i. e., 16, 17, or 18, as the case may be, and not necessarily with the exact age of the candidate. See also note in preceding column.

‡Candidates belonging to class IV will substitute for last sentence,—*I also enclose the required fee of \$.....*

ORDER OF EXAMINATION FOR TEACHERS' LICENSES, 1886.

DAY.	SESSION.	GRADE A.	GRADE B.	GRADE C.	GRADE D.
Tuesday.....	1st Session.	Geography.	Geography.	Geography.	Geography.
	2nd "	British and General History.	British and General History.	British and Br.-Am. History.	History.
	3rd "	Composition and Book-keeping.	Composition and Book-keeping.	Composition and Book-keeping or French.	Composition and Book-keeping.
	4th "	Grammar and Analysis.	Grammar and Analysis.	Grammar and Analysis.	Grammar.
Wednesday,	1st "	Arithmetic.	Arithmetic.	Arithmetic.	Arithmetic.
	2nd "	Practical Mathematics.	Practical Mathematics.	Botany.	School System, etc., and
	3rd "	Algebra.	Algebra.	Algebra.	Algebra. [Teaching.
	4th "	Geometry.	Geometry.	Geometry.	
Thursday.....	1st "	School System, etc., and Teaching.	School System, etc., and Teaching.	School System, etc., and Teaching.	
	2nd "	Physiology.	Physiology.		
	3rd "	Chemistry, Natural Philosophy, or French.	Chemistry, Physics, or French.		
	4th "	English Literature.	English Literature.		
Friday.....	1st "	Latin and Greek Prose Composition.			
	2nd "	Cæsar and Virgil.			
	3rd "	Xenophon.			
	4th "	Æschylus and Homer.			
Saturday.....	1st "	Horace and Cicero.			
	2nd "	Latin and Greek Grammar.			
	3rd "	Greek and Roman History.			

The above order must on no account be deviated from.

COUNTY FUND

In aid of Public Schools appropriated to Trustees of School Sections for the Term ended October 31, 1885.

The Asterisk (*) indicates the Poor Sections.

ANNAPOLIS COUNTY.

Legally authorized days schools were open. Grand total days attendance of Pupils. Total amount from County Fund.

ANNAPOLIS EAST.

Table listing school sections in Annapolis East with columns for section name, amount, and total county fund amount.

ANNAPOLIS WEST.

Table listing school sections in Annapolis West with columns for section name, amount, and total county fund amount.

Table listing school sections in the middle section (Geener to Guinea) with columns for section name, amount, and total county fund amount.

BORDER SECTIONS.

Table listing border sections (Dalhousie, East to Grafton for last term) with columns for section name, amount, and total county fund amount.

ANTIGONISH.

Table listing school sections in Antigonish with columns for section name, amount, and total county fund amount.

Table listing school sections in the right section (Big Clearing to Greenfield) with columns for section name, amount, and total county fund amount.

BORDER SECTIONS.

Table listing border sections (Auld's Cove, Grosvenor) with columns for section name, amount, and total county fund amount.

CAPE BRETON.

Table listing school sections in Cape Breton (Sydney to Kennington Cove) with columns for section name, amount, and total county fund amount.

Table listing schools and their enrollment in the top-left section. Columns include school names and enrollment figures.

POOR SECTIONS.

Table listing schools under the 'POOR SECTIONS' category, including Dewar's River, Mapleton, and Glenville.

PARRSBORO'.

Table listing schools under the 'PARRSBORO'' category, including Parrsboro', Port Greville, and New Prospect.

POOR SECTIONS.

Table listing schools under the 'POOR SECTIONS' category in the Parrsboro' section, including Two Islands and Black Rock.

DIGBY.

Table listing schools under the 'DIGBY.' category, including Halifax Institution for Deaf & Dumb and Milford Corner.

Table listing schools and their enrollment in the top-middle section, including Weymouth Mills, Digby, and Rossway.

BORDER SECTIONS.

Table listing schools under the 'BORDER SECTIONS' category, including Southville, Woodville, and Ohio.

CLARE.

Table listing schools under the 'CLARE.' category, including Hx. Institution for the Deaf & Dumb, New Edinburgh, and Belliveau's Cove.

BORDER SECTIONS.

Table listing schools under the 'BORDER SECTIONS' category in the Clare section, including Beaver River and Cedar Lake.

GUYSBOROUGH.

Table listing schools under the 'GUYSBOROUGH.' category, including Halifax Inst. for the Deaf and Dumb, Halifax Inst. for the Blind, and Guysboro.

Table listing schools and their enrollment in the top-right section, including Port Felix, Cole Harbor, and Charles Cove.

BORDER SECTIONS.

Table listing schools under the 'BORDER SECTIONS' category, including Old Sal. R. Road, Sandy Cove, and Black Point.

BORDER SECTIONS.

Table listing schools under the 'BORDER SECTIONS' category in the bottom-right section, including Grosvenor, Country Har., and Argyle.

DISTRICT OF ST. MARY'S.

Table listing schools under the 'DISTRICT OF ST. MARY'S' category, including Halifax Institution for Deaf & Dumb and Sherbrooke.

BORDER SECTIONS.

Table listing schools under the 'BORDER SECTIONS' category in the bottom-right section, including Beckerton, Country Harbor, and Argyle.

HALIFAX.

Table listing schools under the 'HALIFAX.' category, including Hx. Institution for Deaf and Dumb and Hx. Institution for Blind.

WEST.

Table listing schools under the 'WEST.' category, including Hubbard's Cove, Black Point, and Ingram River.

				PICTOU.							
Hemford	109	1952	28 73					Merrigomish, East	109	5366	47 98
Midville	109	2365	32 18					Piedmont Valley	109	1697	23 72
Penny's	109	1529	25 25					Avondale	109	1360	21 50
2nd Peninsula (Lower)	109	1671	26 39					Lr. Barney's River	109	1562	22 83
Tapcook	109	3912	45 02					Lismore	109	3174	33 51
Watford	109	2066	29 70					Bailey's Brook	108	3761	37 25
Clearland	101	2804	34 90					Big Island	109	1093	19 72
Bridgewater	649	20474	244 70					Smithfield	109	1914	25 15
Conquerall Bank	109	4508	49 96					Kenzieville	109	3191	33 61
Pleasantville	107½	4105½	46 43					Rossville	109	1042	19 39
Pentz	104	2342½	31 40					East French River	109	1880	21 62
Getson's	109	3817	44 22					West French River	109	2165	26 82
West Dublin	109	3979	45 58					Lr. New Lairg	109	2578	29 54
New Cumberland	92	2474	31 13					Rocklin	109	2542	29 32
Mt. Pleasant	109	1078½	21 48					Brooklyn	109	1775	24 23
Petite Reviere	108	3048	37 73					Upper Hopewell	109	1855	21 46
Broad Cove	109	2505½	33 33					Wentworth Grant	109	2395	28 34
Cherry Hill	109	2503	33 31					East Branch, B. R.	108	1381	21 51
Vogler's Cove (West)	109	2509	33 87					Westville	757	42685	869 08
New Italy	108	2510½	33 26					Grantan	101	2528	28 80
Conquerall Mills	109	2851	36 20					Vale Colliery	218	11342	100 00
Hebb's Mills	105	2150	29 92					POOR SECTIONS—North Pictou.			
Baker's	108	2850½	36 09					Hodson	107	1673	31 11
Newcombsville	109	1740½	26 97					College Grant	100½	942	23 66
Wileville	108	1205½	22 39					Black River	91	1037	23 08
Upper Chelsea	109	1997	29 12					Loganville	76½	737	18 20
Lower Chelsea	108	2972	37 09					Mount Thom	94	1329	26 09
Lapland	94½	1127	20 19					Scotch Hill	109	860	24 24
Waterloo	109	1586	25 68					Carriboo Island	109	1248	27 66
Camperdown	103	2595	33 41					Lr. Carriboo River	106	1360	28 19
West Conquerall	104	2816	35 36					Upper Toney River	107	840	23 76
Pine Grove	57	726	12 60					Beech Hill	108	1080	26 02
Lower Dublin	106	2488	32 85					POOR SECTIONS—South Pictou.			
Lakefield	82	904	16 95					Blanchard Road	51	483	12 06
Corkum's Island	109	844	19 53					Rocky Mountain	109	1444	29 39
POOR SECTIONS.								McLellan's Mt., North	54½	537	13 07
Lower Cornwall	109	1173	29 66					Chance Harbour	109	956	25 09
Big Lots	109	793	25 44					Marshy Hope	98	927	23 15
Fancy's	49	342	11 26					Marsh, B. R.	108	1306	28 02
Ryno's	101	1288	29 74					Meiklefield	109	906	24 66
New Elm	99	1191	28 37					McIntosh's Mills	109	1364	28 69
Nineveh	109	1735	36 12					McLellan's Mt., South	54	805	15 36
Middleton	109	1354	31 67					Little Harbour	109	1631	31 04
Herman's Island	109	844	26 02					Big Woods	89	594	18 84
Vogler's Cove (East)	107	2481	43 86					Mount William	109	1223	27 53
Union	109	2723	46 87					Mount Adam	109	1713	31 76
SPECIAL.								Green's Valley	109	1835	32 84
Halifax School for Blind			49 26					To be refunded by order of Commis-			
New Cumberland Section refund two years' back rates			34 53					tioners to sec. 55 S. P.,			112 73
BORDER SECTIONS.								Do., do., to sec. 57 S. P.,			14 30
*Dalhousie	106	380	7 28					QUEENS.			
Mill Brook	108	115	2 33					Hx. Institution Deaf & Dumb			30 00
CHESTER TOWNSHIP.								Port Joli	105	1724	22 66
Chester	326	10433	133 81					North P. Mouton	106	2384	26 82
East Chester	109	4114	50 48					Central "	53	986	12 15
Marriot's Cove	104	2535	35 33					Hunt's Point	108	3201	32 19
Chester Basin	109	2414	34 76					Western Head	109	1521	21 86
Windsor Road	109	1354	24 99					Moose Harbor	109	2527	28 04
Cross	109	1278	24 29					Liverpool	759	32000	283 94
Back of Lake	103	2086	31 06					Milton	432	14534	138 97
Hiltzboro	99	1276	23 11					Brooklyn	218	8034	74 40
Gold River	96	2319	32 42					Eagle Head	109	2573	28 32
Martin's Point	109	1736	28 75					Blueberry	109	3068	31 50
Blandford	109	2854	38 66					Port Medway	326	7957	86 23
Sandy Beaches	109	1221	23 76					Port Medway (East)	109	2633	28 91
Fox Point	109	3151	41 59					Mill Village	435½	8006	99 18
Mill Cove	109	2304	33 76					White Point	109	1566	22 16
Pine Plain	109	1526	26 59					Summerville	109	2006	24 84
Deep Cove	109	3127	41 37					POOR SECTIONS.			
POOR SECTIONS.								Kathrine's River	108	1487	28 72
Sherwood	109	715	25 47					Port Mouton Island	109	910	24 14
Grant	109	811	26 65					Port Lebear	105	1090	24 94
Mill Road	108½	709	25 31					S. W. Port Mouton	96	2640	36 43
Lewiston	109	1027	29 33					Gull Island	55	591	13 26
Halifax School for the Blind			10 74					Denmark	109	1766	31 16
BORDER SECTION.								NORTH QUEENS.			
Alderville	109	1480½	25 17					Greenfield	102	2564	27 49
								South Brookfield	107	2490	27 58
								North "	97	2626	27 86
								Pleasant River	109	2832	28 85

Table with names and numbers: Clark, H F 109 30 00; Doyle, Ruth 108 29 72; *Ellis Annie E 106 38 89; *Fultz, Cassia 98 35 96; Fisher, Georgia 105 28 89; Fader, Susie 109 30 00; Fraser, Ada 109 30 00; Foster, Fannie 98 30 00; Gibbon, Clara 91 25 04; Gibbon, John 109 30 00; Hemion, Louisa 98 26 96; Hayes, Cath 109 30 00; Hubley, Caleb 108 29 72; Johnson, Lavinia 94 25 86; Kent, Isabella 109 30 00; Lindsey, Elliot 5 1 37; *Leslie Celesta 107 39 26; Leedham, Annie 99 27 38; Miller, Minnie 11 3 02; Mackenzie, Frances 106 29 17; Mitchell, Melville 109 30 00; Mitchell, Ida 104 28 62; Mitchell, Bessie 109 30 00; Mahoney, Susan 107 29 44; Newcomb, Alice 109 30 00; *Power, Katie 109 40 09; *Richardson, May 101 37 06; Reynolds, Hattie 108 29 72; *Robson, Georgia 109 40 00; Stewart, Fannie 101 27 92; Stoddard, Margt 109 30 00; Stoddard, Melissa 104 28 62; Stanistens, Seth M 109 30 00; *Sullivan, Frances 109 40 00; Wood, Ellen 98 26 96

ASSISTANTS.

Table with names and numbers: Mitchell, Maria 109 20 00; Lewis, McKenna 43 11 82

CITY OF HALIFAX.

Table with names and numbers: Burbidge, D H 97 60 00; Mackintosh, K 97 60 00; O'Hearn, P 94 58 14; Afflick, F A 94 58 14; Agatha, Sr 94 58 14; Allison, Edith 97 60 00; Andrews, F 97 60 00; Angela, Sr 93 57 52; Berchmans, Sr 93 57 52; Bernard, Sr 94 58 14; Bowden, L 97 60 00; Brodie, I 21 12 99; Bruce, Jane 97 60 00; Cameron, J J 93 57 52; Carten, C 94 58 14; Creighton, I M 96 59 38; Cunningham, J 96 59 38; Dolorosa, Sr 93 57 52; Donohoe, M 92 56 90; Flowers, H L 49 30 30; Foley, M C 45 27 83; Jennison, C E 94 58 14; Kennedy, M T 97 60 00; Miller, C J 97 60 00; Morrison, A 97 60 00; McCurdy, M R 97 60 00; McEchen, A J G 94 58 14; Parker, W W 96 59 33; Peters, F A 97 60 00; Pius, Sr 93 57 52; Power, M E 94 58 14; Ryan, A F 93 57 52; Shields, S W 97 60 00; Silver, L 97 60 00; Smith, J A 97 60 00; Somers, Blanche 52 32 16; Theakston, H S F 97 60 00; Thompson, W E 97 60 00; Walsh, J L 94 58 14; Wall, P A 92 56 90; Wiswell, I M 97 60 00; Warner, E 49 30 30; Adams, E 97 45 00; Aloysia, Sr 93 43 12; Ambrose, Sr 94 43 60; Anina, Sr 22 10 20

Table with names and numbers: Bowden, M 48 22 26; Coecilia, Sr 94 43 60; Caldwell, K S 97 45 00; Carten, E M 94 43 60; Coleman, H 94 43 60; Cornelia, Sr 94 43 60; Cunningham, A M 49 22 72; Curren, E M 97 45 00; DeChantal, Sr 49 22 72; DeVine, M E 94 43 60; Donovan, M J 94 43 60; Elliot, J F 97 45 00; Elsdon, E W 97 45 00; Felix, Sr 94 43 60; Grierson, M H 97 45 00; Grierson, F 48 22 26; Guinane, E M 94 43 60; Hamilton, I 97 45 00; Hartigan, Sr 94 43 60; Helena, Sr 94 43 60; James, C A 97 45 00; Johns, M A 97 45 00; Johnson, A M 49 22 72; Logan, A 97 45 00; Loretta, Sr 70 32 47; Ludovica, Sr 93 43 12; Margaret, Sr 92 42 66; Martina, Sr 93 43 12; Merlin, M 48 22 26; Mitchell, A E 97 45 00; Mosely, M I 39 18 09; Murray, E M 96 44 54; Mutch, A J 97 45 00; McArthur, J R 97 45 00; McCurdy, J A 97 45 00; McDonald, Cassie 71 32 93; McGregor, A 97 45 00; McGregor, M 61 28 29; McGregor, H 97 45 00; McLeod, J A 97 45 00; O'Donoghue, M T T 94 43 60; Perpetua, Sr 94 43 60; Putnam, A F 97 45 00; Raphael, Sr 94 43 60; Richardson, E F 76 35 25; Shaffer, L B 92 42 66; Stratton, E 97 45 00; Stuart, C A 96 44 54; Sullivan, S J 97 45 00; Sullivan, T 48 22 26; Sullivan, M 94 43 60; Theresa, Sr 94 43 60; Tobin, M J 94 43 60; Torrey, E C 94 43 60; Townsend, C F 67 31 08; Vincent, Sr 94 43 60; Waddell, M 96 44 54; Walsh, A M 92 42 66; Willis, C J 97 45 00; Alexander, A M 88 27 20; Gossip, C M 97 30 00; Hosterman, C 96 29 69; Logan, R 76 23 50; Noble, Z E 97 30 00; Payson, C A 97 30 00; Skerrett, J W 20 6 18

HANTS.

WEST.

Table with names and numbers: Torey, E J 100; Armstrong, E H 109 60 00; Craig, J C 104 57 25; Davison, C L 103 59 45; Dimock, John 109 60 00; Ellis, Emma 109 60 00; McLearn, J J 109 60 00; Mosher, James 109 60 00; Smith, Letson 109 60 00; Smith, R M 109 60 00; Bauchman, Flora 54 22 29; Bennett, Hannah 101 41 69; Bennett, Laura 109 45 00; Bennett, Thomas 108 44 58; Borden, Barry D 12 44 95; Burgoyne, A N 101 41 69; Challen, Bessie 109 45 00; Challen, Minnie 109 45 00; Cochran, Florence 107 44 17

Table with names and numbers: Cohoon, S E 109 45 00; Curry, Elmona 109 45 00; Curry, Janie 108 44 58; Dimock, Annie 109 45 00; Coleman, H 106 43 76; Godfrey, Fanny 109 45 00; Hamilton, Alida 89 36 73; Lawrence, Harold 108 44 58; Lindsay, Rebecca 109 45 00; Lynch, Beatrice 108 44 58; Lynch, Jessie 106 43 76; Mason, Mary 109 45 00; Masters, Sarah 109 45 00; McDonald, Ida 94 38 80; McLellan, Mary 109 45 00; Mosher, M J 109 45 00; Sandford, Georgie 109 45 00; Starratt, Mary J 109 45 00; Stevens, Alberta 109 45 00; Stevens, Matilda 108 44 58; Thomas, F F 94 33 80; Woolaver, Mary 109 45 00; Worthylake, Bessie 108 44 58; *Allen, Annie 109 40 00; *Blair, Clara 105 38 58; Calder, Mary 103 28 34; *Curry, Mary 98 35 96; *Dill, Florence 108 39 63; Fish, Bertha 109 30 00; Freeman, E M 92 25 31; *Hanson, Maggie 109 40 00; Kerr, Bessie 103 28 34; McDougall, Janie 105 28 89; *McKay, Maude 109 40 00; *McNeil, Mary 109 40 00; *Moore, Laura 108 39 63; Mumford, Mary 108 29 72; Parker, Jessie 109 30 00; Parker, Mary 109 30 00; Ross, Marion 109 30 00; *Smith, Annie 109 40 00

EAST.

Table with names and numbers: Creighton, Graham 109 60 00; Hamilton, C A 100 55 05; Holesworth, Bessie 108 59 45; Matheson, J A 99 54 49; O'Brien, Charlotte 33 18 42; Smith, Geo W 109 60 00; Barbrick, Lulu 109 45 00; Blois, Libbie J 108 44 58; Brown, C W 83 34 26; Brown Mary 109 45 00; *Canavan, Annie 90 37 15; Campbell, W R 108 44 58; Chambers, Maggie 109 45 00; *Crowe, Cassie 108 44 58; Dart, Job 108 44 58; Densmore S E 96 39 62; Douglas, Nattie 109 45 00; Douglas, Sadie 108 44 58; *Eaton, Carrie 90 37 15; Forbes, Bertha 109 45 00; *Lingley, Cassie 89 35 73; McDonald, A F 107 44 17; McDougall, Alice 109 30 00; McDougall, M 109 30 00; McHealy, Murray 107 44 17; McNeil, Alfred 109 45 00; Nelson, Janie 109 45 00; O'Brien, Rebecca 84 34 67; O'Brien, Sarah 109 45 00; Pugsley, Ella 109 45 00; Ross, Gertrude 102 42 30; Rutherford, L 109 45 00; Scarfe, Marion 103 44 58; Scott, Minnie 109 45 00; Smith, Rachel 83 34 26; *Spencer, Mary B 109 45 00; Stephens, Annie L 89 36 73; Wallace, Edith W 50 20 64; Walker, H G 109 45 00; White, M J 109 45 00; Barnhill, Flora 109 30 00; Bennett, Ada 40 11 00; Brechin, Robert 109 30 00; *Burnett, Emma 94 34 49; *Dowell, Minnie 107 39 26; *Etter, Amelia 109 40 00; Faulkner, Annie 54 14 86; Fleck, Minnie 83 22 84

Table with names and numbers: Hamilton, A 109 30 00; Harvie, Annie 109 30 00; Huntley, H B 93 25 59; Kenty, Hannah 109 30 00; *Knox, Elizabeth 109 40 00; McDonald, Mary 105 29 02; McDonald, R P 108 29 72; McDougall, Lois 108 29 72; Moxson, Cassie 91 25 04; *Nicholson, Eliza 106 38 89; *Parish, Cleo 109 40 00; Stirling, Maggie 20 5 50; Urquhart, Bessie 104 28 62; Wallace, Maggie 109 30 00

ASSISTANT.

Table with names and numbers: McLatchy, M 100 18 34

INVERNESS.

Table with names and numbers: Forsyth, Geo A 109; Calder, John 102 56 15; Chisholm, Duncan 103 56 70; McLean, Jas M 89 48 98; McLean, Jas M 6 3 30; McPhee, Stewart 20 11 00; McDougall, Angus 100 55 05; McDougall, Jos 107 58 90; McInnes, Rev A T 64 35 22; McDonald, Alex D 109 60 00; McLeod, Malcolm 109 60 00; Coady, Moses 70 38 53; Coady, Patrick 109 60 00; Gillis, Jas D 109 60 00; Harvey, McLeod 109 60 00; McIntosh, Dan S 109 60 00; McLellan, Alex D 109 60 00; McLeod, R C 109 45 00; McDonald, D H 109 60 00; McMillan, Chas E 107 58 90; McLellan, A 109 60 00; McIsaac, Angus 109 60 00; Anderson, Annie 106 43 76; Finn, Cecilia 109 45 00; Gillis, Donald 84 34 67; McKinnon, D H 109 45 00; McKeen, Ada 109 45 00; McInnes, W C 109 45 00; Murphy, P A 109 45 00; McLean, L E 109 45 00; McDonald, Alex 73 30 13; McLean, Mary A 107 44 17; McDonald, Cath 100 41 28; McDonald, Alex 109 45 00; McKenzie, Rod'k 109 45 00; Matheson, Frank 109 45 00; McNeill, Alex J 101 41 69; McIntyre, Peter 92 37 97; Martin, Malcolm 109 44 17; McEachern, Mary A 109 45 00; McDonald, Jas R 109 45 00; McEachern, Jno 109 45 00; Nicholson, Arch 109 45 00; Skinner, Mary J 109 45 00; Sister St Peter 109 45 00; Sister St Mary 109 45 00; Chaisson, Chas 109 45 09; Curmiar, Will E 100 27 52; Doucet, Joseph 65 26 82; Ingram, Meriner 109 45 00; McDougall, Arch S 107 44 17; McKenzie, D D 109 45 00; McLean, Jessie 109 45 00; McLean, N G 108 44 58; McLeod, Euphenia 59 24 35; Ross, Robt O 108 44 58; McDonald, Theresa 109 45 00; Beaton, Hugh R 109 30 00; Beaton, Arch 106 29 17; Condon, Minnie 108 29 72; Campbell, Mary E 102 28 07; Cameron, Donald 106 29 17; Chisholm, Jessie 108 29 72; Chisholm, Dan 109 30 00; Cameron, Donald 109 30 00; Gillis, Catherine 108 29 72; Kennedy, Alex 108 29 72; Kennedy, Dan 106 29 17

Hopkins, Jerusha	108	44	58
Nickerson, Georgie	68½	28	26
Pinkham, Emma	86	35	49
Porter, Effie	108	44	58
Robertson, Janet	20	8	25
Taylor, Hattie	98½	40	65
Trefry, Albert	12	4	95
Wilson, L L	109	45	00
Wilson, Helen	96	39	62
Doane, Frances	109	30	00
Forbes, Ida	108	29	72
Goodwin, Minnie	108	29	72
Hayden, Louise	104	28	62
Hichens, M J	103	28	34
Jones, Annie,	109	30	00
Knowles, Ida	103	28	34
Porter, Annie	101	27	79
Richau, Annie	107½	29	57
Smith, Annie	109	30	00
Stoddard, Ruth	108	29	72
Swim, Maggie	99	27	24

POOR SECTIONS.

Gardner, F E	58	21	28
Goudey, Edith	103	37	79
Hamilton, Joie	21	7	70
Larkin, Bertha	108	39	63

VICTORIA.

Jones, Frank	109		
Finlayson, R A	55	30	27
Haliburton, A	109	60	00
Jost, Annie C	109	60	00
McLean, Alex D	109	60	00
McCharles, R W	108	59	45
McLean, Jos C	109	60	00
McLean, Seward	105	57	80
McRae, Phillip	109	60	00
Ingram, L J	109	45	00
Ingram, Lillian	109	45	00
Kain, Cassie	109	45	00
McIntosh, Annie	109	45	00
McKay, Dan	109	45	00
McKay, Lizzie	109	45	00
McLean, Eliza	100	41	28
McLean, Dolma	90	37	15
McLeod, Norman	109	45	00
McIver, Angus J	94	38	80
McAskill, Jessie	106	43	76
McNeill, Mary	93	38	38
McMillan, Allan	107	44	17

McCharles, John	104	42	93
Robertson, Maggie	108	44	58
Tingley, L J	50	20	64
Carrol, James	105	28	89
Campbell, Maggie	109	30	00
Finlayson, Lexie	109	30	00
Finlayson, Cath	109	30	00
Fraser, Ada	106	29	17
Hartigan, Bridget	109	30	00
McAulay, Rodk	109	40	00
McKay, Isabella	46	12	64
McDonald, Angus A	102	28	07
McLennan, Niel	40	11	00
McLean, Donald	42	11	55
McMillan, Hugh	109	30	00
McRae, Lexina	65	17	87
McIver, Henry	109	30	00
McDonald, Angus	109	30	00
McNiell, Stephen B	109	30	00
McDonald, Kenneth	109	30	00
McLeod, Maggie C	5	1	37
McDonald, William	88	24	21
McKenzie, Joanna	105	28	89
McAulay, Joanna	109	30	00
McLean, Christy	109	30	00
Munro, Grace	92	25	31
McLean, Maggie	109	30	00
McRae, Christy	109	30	00
Morrison, Kenneth	104	28	62
Morrison, Jno G	109	30	00
McDonald, Chrissie	30	8	25
Ross, Catherine	101	27	79
Ross, Martha	105	28	89
Tingley, Stephen	45	12	36
Currie, Euphemia	109	30	00
Hart, Annie M	40	11	00
Kerr, John	109	30	00
McKay, Murdoch	109	30	00
Morrison, Barbara	109	30	00
Morrison, Marina	108	29	72
McCharles, Bella	109	30	00
McKenzie, Kate	109	30	00
McDougall, Arch D	93	25	59
Morrison, Murdoch	109	30	00
McLeod, George	109	30	00
McKenzie, Flora	109	30	00
Morrison, Mary	109	30	00
McAskill, Dan	106	29	17
McRae, Christina	104	28	62
McIntosh, Cath S	106	29	17
McLennan, Jessie	44	12	09
McEachen, John	100	27	52
Palmer, Annie	109	30	00

YARMOUTH.

Cameron, A	96		
Munro, J H	101	55	60
Allen, George	106½	58	62
Allen, Emma	101	59	60
Archibald, Amy	48	26	41
Brown, John	107	58	90
Coy, Louise	100	55	05
Churchill, Anne	101	55	60
Goudey, Docia	98	53	94
Hilton, Eben	96	52	84
Horner, W P	109	60	00
Parker, George	107	58	90
Perry, Freeman	105	57	80
Robbins, Augusta	101	55	60
Rogers, Benj	99½	54	76
Barnes, Mary	52	21	46
Churchill, Nelson	109	45	00
Chipman, Agnes	108	44	58
Cogswell, Alice	106½	43	96
Crosby, Jessie	101	41	69
Crowell, Rose	102	42	10
Delamere, Susan	100	41	28
Fuller, Alice	107	44	17
Goudey, Ada	100	41	28
Goudey, Emily	108	44	58
Harrison, Josie	95	39	21
Haney, Minnie	109	45	00
Hilton, Ellen	101	41	69
Hilton, Mary	108	44	58
Homer, Agnes	109	45	00
Kerr, Annie	98	40	45
Lyle, Emily	101	41	69
Marshall, Rose	100	41	28
Muir, Mary	108	44	58
Rose, Mabel	108	44	58
Starratt, Mary	100½	41	48
VonMetzke, O	101	41	69
Webster, M H	99½	41	06
Weston, Alena	104	42	93
Hatfield, Laura	109	30	00
Hughes, Lizzie	107	29	44
Patten, Louise	109	30	00
Perry, Emma	108	29	72
Perry, Rilla	108	28	34
Sanders, Hattie	93	25	59
Sanders, Annie	108	29	72
Sims, Grace	107	29	44
Tedford, Ella	107	29	44

POOR SECTIONS.

*Crosby, Susan	108	44	58
*Doty, Lalia	107	39	26

*Horner, Ella	109	40	00
*Hurlburt, Libby	109	40	00
McHenry, Jessie	106	38	89
Surette, Emily	103	37	79

ASSISTANT.

Cobb, Belle	44	8	06
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DISTRICT OF ARGYLE.

Doane, Fannie	108	59	45
Grierson, Jean	109	60	00
Sister M Louis	109	60	00
Sister Mary Ann	109	60	00
Giffin, Harold	109	45	00
Gilman, Emma	53	21	88
Hilton, Emma	103½	42	72
Hogg, Maggie	108	44	58
Larkin, M J	109	45	00
McCarty, Ella	107½	44	37
McGee, Annie	99	40	86
Rogers, Lizzie	109	45	00
Sister Mary	108	44	58
Sister M John	108	44	58
Sims, Bertha	108	44	58
Sutherland, Louise	53	21	88
Bourque, Fannie	108	29	72
Bourque, Maggie	103	28	34
Cotreau, Adele	108	29	72
D'Entremont, Agnes	108	29	72
D'Entremont, L	108	29	72
D'Entremont, H	109	30	00
D'Entremont, N	108	29	72
Hatfield, Carrie	109	30	00
Hurlburt, Maud	109	30	00
LeBlanc, John	108	29	72
Nickerson, Cordie	105	28	89
Potier, M Rose	109	30	00
Potier, Rose A	83	22	84
Sims, Eva	107	29	44
Snow, Annie	104	28	62
Swaine, Emeline	108	29	72
Surette, Adele	108	29	72
Surette, Martha	109	80	00
Surette, Zachary	102	28	07

POOR SECTIONS.

*Hurlbert, Lily	108	39	63
Mood, Abbie	48	17	61
Richard, Angele	106	38	89
Surette, Fannie	108	39	63



OFFICIAL NOTICES.

TEACHING DAYS. The number of Teaching Days for the current term, closing April 30th, is 117; for the City of Halifax, 114.

The number of Teaching Days for the ensuing term, beginning May 1st, is 108; for the City of Halifax, 103.

ADDITIONAL HOLIDAYS.—To enable teachers more conveniently to aid Trustees in preparing returns for transmission to the Inspector, the Council of Public Instruction has been pleased to order that hereafter "the 30th of April and the 31st of October shall be holidays in the Public Schools, and when either of these days shall fall on Saturday or Sunday, the preceding Friday shall be a holiday." At the request of the Board of School Commissioners, the Public Schools of the City of Halifax are excepted from the operation of this Regulation.

SATURDAY AS A TEACHING DAY.—The Council of Public Instruction has ordered that to existing Regulations defining the limits within which school may be kept on Saturdays (see Manual, page XV), there shall be added the following: "Provided that nothing contained in these Regulations shall prevent a teacher from teaching on Saturdays in order to make up for *not more than two teaching days* necessarily lost at the beginning of the term in traveling from a distant section in which he (or she) had been previously engaged."

COUNTY ACADEMY RETURNS.—In addition to the special returns to Education Office, Trustees will send the usual returns to Inspectors. In no case should drafts for County Academy grants be drawn on the Superintendent of Education without previous authorization.

ARBOR DAY.—To encourage the proper adornment of school grounds, and thereby the cultivation of a taste for the beautiful in nature on the part of the pupils, the Council of Public Instruction has ordered the publication of the following Regulation:—

"On such one of the first thirty teaching days of the Summer Term, as according to season, weather, or other circumstances may be deemed most suitable, Trustees are authorized to have substituted for the regular school exercises of pupils, the planting by the latter of trees, shrubs, and flowers on the grounds surrounding the school house. The day devoted to this purpose shall be known and entered in the Register as 'Arbor Day,' and when duly observed full credit will be given for it in the apportionment of public funds, on the basis of the actual attendance of pupils as ascertained by roll call at the beginning of the exercises, or other convenient time during their progress. Additional value and interest should be imparted by mingling with the practical duties of the occasion, short addresses from the teacher and other competent persons on the aesthetic and economic importance of arboriculture. During their summer visitation, Inspectors shall take note of all schools in connection with which 'Arbor Day' has been observed."

There will be found subjoined some practical suggestions which will be serviceable to those who wish to make the occasion a really profitable one. The 18th of May has been fixed by the Maritime Provincial Grange as an "Arbor Day" within the jurisdiction of that body, for the purpose of impressing on the public mind the importance of restoring and preserving our forestal resources. Where the season suits, there might appropriately be a co-operation of the Grangers and the school authorities.

In selecting trees, it is well to avoid those that bear flowers or edible fruits, as such in the flowering and fruiting season are apt to meet with injury from ignorant or mischievous passers-by, and to offer temptation to the pupils. Butternuts and Horse Chestnuts are not to be commended as shade trees. The Balsam Fir is objectionable from the liability of its balsam to stain the hands and clothing. Deciduous or broad-leaved trees are easily grown, their fibrous roots rendering transplanting a comparatively simple operation. If care is taken, the young saplings of the elm, maple, and ash, as found in the under growth of the forest, can be transplanted without difficulty.

No school grounds should be without a suitable number and variety of the standard deciduous trees. However, during the winter season they are bare and unattractive, and afford little or no

shelter. On the other hand, evergreens such as Spruces, Pines, Hemlocks and Cedars, retain their foliage and provide a shelter as useful in winter as it is grateful in summer. Trees should always be planted according to a definite plan, being arranged either in curves or straight lines, according to circumstances, and with an obvious relation to the building and fences. They should not be placed so near the school house as to interfere with the free play of light and air.

Our native trees grow so freely in the woods that we are apt to suppose that they are merely to be taken up by the roots and transplanted, to start at once into as vigorous growth as before. This is a mistake. Great care should be taken in digging up the trees to preserve the fibrous roots; long runners should be cut across with a sharp knife, and not torn. All trees thrive best in well-drained soil, varying from sandy loam to clay. A clay loam suits all descriptions. The holes for the trees should always be made before the trees are brought on to the grounds. They should be too large rather than too small. In filling in, the better soil from near the surface should be returned first, so as to be nearer the roots, but where the soil is at all sterile, and generally, there should be put below and around the roots, some well-rotted compost, mixed with sand and sandy loam, in order to promote the growth of the rootlets. In setting the tree it should be placed a little deeper than it stood before, and the roots should be so spread out that none are doubled. When finally planted the tree should be tied to a stout stake in such a way as to prevent chafing of the bark. Some mulch or stable litter should then be thrown around the stem to protect the roots from drought. Stirring the ground is preferred by some cultivators to mulching. In transplanting evergreens, the roots should not be exposed to air or light—especially to the heat of the sun—more than can be helped.

Several varieties of shrubs planted together in clumps produce a very pleasing effect, while the care of judiciously arranged flower beds will be to the children an important means of education.

APPOINTMENTS BY THE COUNCIL OF PUBLIC INSTRUCTION.—Mr. E. J. Lay has been appointed Inspector of Schools for District No. 10, (Cumberland, West Colchester and Stirling) in place of Mr. W. D. McKenzie, resigned.

Rev. Ebenezer Ross has been appointed Provincial Examiner for Teachers' licenses in place of Rev. James Ross, D. D., deceased.

EXAMINATION FOR TEACHERS' LICENSES.

These examinations will begin at 9 a. m. on Tuesday, July 20th. They will be held at the usual Stations throughout the Province. Candidates will particularly observe that their applications for admission to examination are to be forwarded to the Inspector of the District in which the Station at which they wish to be examined is situated, and not to the Deputy Examiner of the Station if he be not the Inspector. Printed forms of examination (though not required) may be obtained from the Inspectors after May 1st. The place entered in the form of application should be that to which the candidate wishes his certificate of admission to examination to be mailed. The revised Regulations of Council (re-published in this number of the JOURNAL) should be carefully read by intending applicants.

To accommodate candidates for licenses residing in the southern part of Inverness County, and in other counties bordering on the Strait of Canso, an examination station has been established at Port Hawkesbury, C. B. Applications having reference to this station should be forwarded to John Y. Gunn, Esq., Inspector of Schools, Broad Cove, C. B.

DATES OF MEETINGS OF BOARDS OF SCHOOL COMMISSIONERS.

Cape Breton—June 9th.	Halifax Shore—June 11th.
Richmond—July 6th.	West Hants—May 21st.
South Inverness—May 27th.	East Hants—June 9th.
North Inverness—June 1st.	Kings—May 18th.
Victoria—June 4th.	Annapolis West—May 18th.
Antigonish—May 11th.	Annapolis East—May 21st.
Guysboro—June 1st.	Digby—June 8th.
St. Mary's—June 8th.	Clare—June 10th.
North Pictou—May 18th.	Shelburne—May 21st.
South Pictou—May 20th.	Barrington—May 18th.
South Colchester—May 25th.	Argyle—May 25th.
*West Colchester—May 28th.	Yarmouth—May 26th.
Stirling—June 1st.	South Queens—May 21st.
Cumberland—June 15th.	North Queens—June 15th.
Parrsboro—May 19th.	*Lun'burg & N. Dublin—May 25.
Halifax West—May 21st.	Chester—May 18th.
Halifax Rural—June 18th.	

*At Great Village.

*At Bridgewater for present year.

ANNUAL SCHOOL MEETING.

The date of the Annual School Meeting for the current year is *Monday, Sept. 27th*. Trustees should carefully observe this date, and not fail to legally announce the meeting by notices posted in three public places within the Section, at least five days previous to date of meeting.

In Sections in which schools are organized for the first time, and which consequently are without Trustees, notices should be posted by the Inspector.

The following is an outline of the order of business of annual meeting:—

- (1.) To elect a chairman of the meeting.
- (2.) To elect a new Trustee or Trustees. (A majority of votes, i. e., *more than half*, is required for this election.)
- (3.) To receive and pass upon the report of the Auditors of Accounts.
- (4.) To receive the report of the Board of Trustees concerning educational operations of the year and the requirements of the Section for the ensuing year.
- (5.) To determine by a vote of the majority of the ratepayers present what amount shall be raised by the Section during the ensuing year for any, or all, of the objects authorized by law; and if any sum is included for the purchase or improvement of grounds or for the purchase or building of school-houses to fix the period (not to exceed twelve years) within which the sum voted for these purposes shall be collected; and, if necessary, to authorize the Trustees to borrow money for the procuring of houses or lands.
- (6.) To transact any other necessary business.

COUNTY ACADEMY ENTRANCE EXAMINATIONS.—Pupils applying for admission to County Academies for the term beginning May 1st, 1886, will be examined by the local authorities of the school on the subjects prescribed for the recent entrance examination. The papers written (together with copies of the questions set) must be carefully preserved for official inspection.

At the next annual entrance examination (Oct., 1886) papers will be set by the Department of Education as follows: (1) Grammar, Analysis, and Composition; (2) Geography; (3) British and Canadian History; (4) Arithmetic; (5) The Elements of Useful Knowledge. The latter paper will be designed to test the acquaintance of candidates with the substance of the oral *Lessons on Nature* in the Common School Course of Study, which Course will also determine the limits of knowledge in all the above subjects.

INSPECTORAL DISTRICTS, WITH NAMES AND ADDRESSES OF INSPECTORS.

- District No. 1, the City and County of Halifax—Hinkle Condon, Halifax.
- District No. 2, the Counties of Lunenburg and Queens—Thomas R. Pattillo, A. M., Bridgewater.
- District No. 3, the Counties of Shelburne and Yarmouth—A. C. A. Doane, Barrington.
- District No. 4, the Counties of Digby and Annapolis—Leander S. Morse, A. M., Bridgetown.
- District No. 5, the Counties of Kings and Hants—Colin W. Roscoe, A. M., Wolfville.
- District No. 6, the Counties of Antigonish and Guysborough—A. G. McDonald, Antigonish.
- District No. 7, the Counties of Cape Breton and Richmond—M. J. T. Macneil, River Bourgeois, C. B.
- District No. 8, the Counties of Inverness and Victoria—John Y. Gunn, Broad Cove, C. B.
- District No. 9, the County of Pictou and that part of the County of Colchester not included in No. 10—Robert McLellan, Pictou.
- District No. 10, the County of Cumberland, and that part of the County of Colchester comprised by the District of Stirling and the Townships of Economy and Londonderry—E. J. Lay, Amherst.

BOTANICAL SPECIES.—The following *fifty* common species (occurring in almost every School Section of the Province) are named for analysis and classification in connection with the *Botany* of the First Year of the High School Course. A description of the *genera* and *orders* in which these species are included should also be required. This list should be regarded as a *minimum*. Few teachers really interested in teaching science will find much difficulty in adding another fifty, which should include a few specimens of *mosses*, *liverworts*, *lichens*, *fungi*, and *algae*, as well as some additional *phanerogams*. This list will, of course, be revised from time to time.

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|------------------------------|-------------------------------|
| 1. Ranunculus repens. | 26. Mentha canadensis. |
| 2. Capsella bursa-pastoris. | 27. Solanum tuberosum. |
| 3. Viola blanda. | 28. Syringa vulgaris. |
| 4. Drosera rotundifolia. | 29. Chenopodium album. |
| 5. Cerastium vulgatum. | 30. Polygonum aviculare. |
| 6. Acer Rubrum. | 31. Ulmus Americana. |
| 7. Trifolium repens. | 32. Fagus ferruginea. |
| 8. Prunus Pennsylvanica. | 33. Myrica gale. |
| 9. Fragaria Virginiana. | 34. Betula. |
| 10. Pyrus malus. | 35. Populus tremuloides. |
| 11. Ribes nigrum. | 36. Pinus strobus. |
| 12. Epilobium angustifolium. | 37. Abies Canadensis. |
| 13. Pastinaca sativa. | 38. Habenaria or cypripedium. |
| 14. Aralia nudicanlis. | 39. Iris versicolor. |
| 15. Cornus Canadensis. | 40. Smilacina bifolia. |
| 16. Sambucus. | 41. Juncus effusus. |
| 17. Leucanthemum vulgare. | 42. Carex intumescens. |
| 18. Cirsium arvense. | 43. Triticum vulgare. |
| 19. Taraxacum dens-leonis. | 44. Equisetum sylvaticum. |
| 20. Lobelia inflata. | 45. Pteris aquilina. |
| 21. Epigaea repens. | 46. Aspidium spinulosum. |
| 22. Gaultheria procumbens. | 47. Dicksonia punctilobula. |
| 23. Plantago major. | 48. Onoclea sensibilis. |
| 24. Lysimachia stricta. | 49. Osmunda cinamomea. |
| 25. Veronica serpyllifolia. | 50. Lycopodium clavatum. |

Where the genus alone is mentioned the teacher is supposed to select the species most available in the neighborhood. Some of these flowers are very minute, and their study will require the use of a cheap botanical lens. It is important that each student should own a lens, and be taught how to use it. Students should be exercised in drawing the small parts enlarged on the black boards and in their note books. As a specimen of the mosses is recommended "The common Hair Cap," *Polytrichum*; of the Liverworts *Marchantia*; of the Lichens, *Usnia*, *Sticta* or *Cladonia*; of the Fungi, *Agaricus campestris*, the "edible mushroom."

INDUSTRIAL DRAWING FOR HIGH SCHOOL COURSE.

1. For first year. Nos. 5 and 6 of the American Text Book of Art Education (retail price 15 cents each.)
2. For second year. Nos. 7 and 8 of the same series, (retail price, 25 cents each.)

The above books belong to the same series as those already used in our Common Schools. Nos. 5 and 6 are accompanied by a Manual for Teachers, giving full directions in regard to the use of the books. The retail price of this Manual will not exceed 60 cents. A small Manual accompanying Nos. 7 and 8 will be supplied gratuitously to teachers whose circumstances require them to use those books. It is not supposed that for the year about to begin many schools will require anything in advance of Nos. 5 and 6. As it has been thought well to omit No. 4 entirely from the Course of Study, the following hints are supplied:—

Before beginning work in Book No. 5, pupils should be taught to draw by freehand the following plane geometric figures, and these figures should be drawn or derived from the geometric solids—thus,

- The Circle from the Sphere.
- The Oblong from the Oblong Block.
- The Right-angled Triangle from the Square Prism.
- The Isosceles Triangle from the Square Pyramid.
- The Equilateral Triangle from the Equilateral-triangular Prism.
- The Ellipse from the Ellipsoid.
- The Oval from the Ovoid Form.
- The Hexagon from the Hexagonal Prism.
- The Pentagon from the Pentagonal Prism.
- The Octagon from the Octagonal Prism.

By deriving the plane geometric figures in this way, pupils will have a more definite conception of them than if drawn from flat copies or from blackboard copies alone. As a rule, the shortest dimension of each figure should be four inches.

For definitions in regard to these plane geometric figures consult pages 35 and 36 of the Manual, Part III., accompanying Drawing Book No 5. The drawings should be made on Manilla paper and pupils should be practised on rapid work. Where no previous instruction in Drawing has been received, attention should be paid to the holding of the pencil and the character of the line produced. The pencil should be one of medium softness.

TEXT BOOKS.

Comment.—In performing the duty of selecting and prescribing text-books for the Public Schools, the Council of Public Instruction has availed itself as fully as possible of the knowledge and experience of those who are engaged in the practical work of education. The sole aim of recent modifications has been to secure, at reason-

able cost, a series of texts adapted for use in schools. Change in authorized books is in itself a very undesirable thing; and it is hoped and believed that matters may remain where they are now for years to come, without substantial alteration.

The general effect of recent changes has been to largely and permanently reduce the cost of text-books, especially to pupils pursuing an extended course. The Council is engaged in inquiries and efforts with a view to still further diminish expense by securing, wherever practicable, a lowering in price and an improvement in the mechanical quality of the prescribed texts.

Inspectors and Teachers are reminded:

1. That the Course of Study for Common Schools encourages an economical expenditure for text-books by providing a system of oral instruction for junior classes. Too many teachers try to satisfy themselves in respect to their more youthful pupils by placing in their hands text-books not needed in any case, and worse than useless when unaccompanied by proper oral exposition. A text-book should not be required for a child until he is prepared to use it intelligently.

2. That the regulation which makes it illegal and improper for a teacher to introduce unauthorized texts, by no means hinders him from giving his pupils the benefit of other treatises to whose explanations he may attach importance. The progressive teacher will always have such aids within reach, and will so use them as to impart variety and interest to his instructions.

LIST OF TEXT BOOKS PRESCRIBED FOR USE IN SCHOOLS, WITH NAMES OF PUBLISHERS.

ENGLISH.

Reading and Spelling. (1.) The Royal Series (Thomas Nelson & Sons, Edinburgh and London).

(2.) The Maritime Series (Wm. Collins, Sons & Co., Glasgow and London).

(3.) The Spelling Book Superseded—*English Edition.* (Sullivan Bros.)

NOTE.—In sections where French is the vernacular language, and the Trustees desire that English should also be taught, the French-English Readers of the Royal Series will be found very serviceable.

Grammar and Composition. (1.) English Grammar for Schools (A. & W. Mackinlay).

(2.) Dalglish's Introductory Text Book of English Composition (A. & W. Mackinlay).

(3.) Dalglish's Advanced Text Book of English Composition (Oliver & Boyd, Edinburgh).

Geography. (1.) Calkin's Introductory Text Book (A. & W. Mackinlay).

(2.) Calkin's Geography of the World (A. & W. Mackinlay).

History. (1.) Calkin's History of British America (A. & W. Mackinlay).

(2.) Outlines of British History (Thos. Nelson & Sons, Edinburgh and London).

(3.) Swinton's Outlines of the World's History, Canadian Edition (A. & W. Mackinlay).

MATHEMATICS.

Arithmetic. (1.) Kirkland & Scott's Elementary Arithmetic (Gage & Co., Toronto).

2. Hamblin Smith's Arithmetic (Gage & Co., Toronto).

Algebra. Todhunter's Algebra for Beginners (Copp, Clark & Co., Toronto).

Geometry. Euclid, Hamblin's Smith's Edition (Gage & Co., Toronto).

[First four books published as special Nova Scotia Edition.]

Practical Mathematics. Eaton's Elementary Practical Mathematics (D. H. Smith & Co., Truro).

Book-keeping. Eaton & Frazee's treatise (A. & W. Mackinlay).

SCIENCE.

1. The Science Primers (Macmillan & Co., and James Campbell & Son, Toronto).

[1.] The Introductory Primer.

[2.] Physical Geography.—Geikie.

[3.] Physics—Balfour Stewart.

[4.] Geology.—Geikie.

[5.] Physiology.—Foster.

[6.] Astronomy.—Lockyer.

2. Tanner's First Principles of Agriculture (A. & W. Mackinlay).

3. Gray's "How Plants Grow." (Botany).

4. Steele's "Fourteen Weeks in Chemistry."

WRITING AND DRAWING.

1. Payson, Dunton and Scribner's Copy Books, Beattie's Copy Books, the Royal Series of Copy Books.

[The Council does not think it necessary to prescribe a single series of Copy Books, but only to require that one series shall be used exclusively in each School.]

2. Walter Smith's Series [Revised Edition, Nos. 5, 6, 7, 8,] are published as "American text-books of Art Education."

LIST OF BOOKS RECOMMENDED FOR THE USE OF TEACHERS, BUT NOT PRESCRIBED FOR PUPILS.

(Trustees anxious to promote the physical, intellectual, and moral welfare of the pupils in the schools under their charge will do well to provide their teachers with the undermentioned books.)

Gage's Elements of Physics [Ginn, Heath & Co.]

Huxley and Youman's Physiology and Hygiene.

Dr. Richardson's Temperance Hand Book. (McGregor & Knight Halifax, advertise cheap edition at 30 cents, retail; cloth edition 50 cents, retail).

Dr. Edward Smith's Manual of Health (A. & W. Mackinlay).

Newton's Manual of Zoology (Christian Knowledge Series).

N. A. Calkin's (Boston) Primary Object Lessons (Harpers Bros., New York).

NOTE.—Frang's Natural History Series of botanical and zoological drawings and cards is accompanied by an excellent manual of directions. The whole series, with manual complete, can be obtained from A. & W. Mackinlay at \$9.50. Steps are being taken to recommend a cheaper series for the smaller class of schools.

Candidates for teachers' licenses should read carefully the Syllabus of Examination as published in this issue. The examination of First Class Candidates is limited, as it will be seen, to *Inorganic Chemistry*. The matter of English literature for Grade A Candidates was somewhat obscurely stated in the October Journal. In the Order of Examination, as published on third page, the assignment for 3rd Session of Friday should read "Xenophon and Ovid."

NOTICE.

The Seventh Annual Meeting of the Provincial Educational Association will be held in the Assembly Hall of the Normal School, at Truro, on the 14th and 15th of July, 1886.

PROGRAMME.

Wednesday, 14th, 10 a. m.—12½ p. m.:

"*Geography as the basis of History.*"—Fred. Kelly, Ph. D., Vice-Principal Montreal High School.

"*Industrial Education.*"—A. McKay, Supervisor of Schools, Halifax.

2 p. m.—5 p. m.:

"*The Teaching of Agriculture in the Public Schools.*"—Herman W. Smith, B. Sc., Prof. Agriculture, Normal School.

"*The Establishment of a Kindergarten in connection with the Normal School.*"—Miss Kate Mackintosh, (A.), Halifax Academy.

Discussion on the *One-School-Term System.*

8 p. m.—10 p. m.:

"*The Duty of the State in Fostering Higher Education.*"—Revd. John Forrest, President Dalhousie College and University.

"*English Literature in Education.*"—C. G. D. Roberts, A. M., Prof. English Literature, King's College.

Thursday, 15th, 9½ a. m.—12½ p. m.:

"*Sir Isaac Newton's Greatest Discovery.*"—Revd. Dr. N. McNeil, Rector St. Francis Xavier's College.

Balloting for an Executive Committee.

"*Method.*"—J. B. Calkin, A. M., Principal Normal School.

2 p. m.—5 p. m.:

"*The Ethics of the Teaching Profession.*"—Angus G. McDonald, Esq., Inspector of Schools, Antigonish.

"*An Investment that Pays.*"—A. D. Brown, Esq., Principal Public Schools, Bridgetown.

Members of the Association may expect the usual free or reduced return tickets on the principal lines of travel.

By order of Executive Committee,

A. MCKAY,

Secretary.