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# JOURNAL OF EDUCATION

## NOVASCOTIA

NEW SERIES.

APRIL, 1887.

VOL. VII. 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 1887 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.) 1. 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 Globe.) 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.) Dalgleish'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.* The first four Chapters of Gage's *Elements of Physics*.

*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 Molire'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., X., XII., XIII.

#### 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 II. Virgil, *Aeneid* Book I. Ovid, *Met.* The extracts required by College Matriculation Standards for 1887. (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 I. Cicero, *De Senectute* and *Pro Archia Poeta*.

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

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 Æschylus.

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 Awards 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:

I. 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 permis-

sives).

- " 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 19th.—*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, 1887.

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.	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 and Ovid.			
	4th "	Æschylus and Homer.			
Saturday....	1st "	Horace and Cicero.			
	2nd "	Latin and Greek Grammar.			
	3rd "	Greek and Roman History.			













## JOURNAL OF EDUCATION.

				POOR SECTIONS.			YARMOUTH.	
Cape George	109	1483	32 48	*Villagedale	110	2041	30 12	<i>District of Yarmouth.</i> Deaf and Dumb Institution, 32 45 Rebate to Alton section for 2 yrs., see Sec. 92, 22 80
Black River	117	1156	29 85	*Oak Park	111	1907 $\frac{1}{2}$	29 31	
L'Archeveque	115	2155	40 95	*Hamilton's	117	854	22 72	
St. Esprit	117	1602	34 94					
Salmon River	117	1743	36 54					
Caledonia	106	1222	29 02					
River Trai	117	995	28 02					
Lewis Cove Road	117	1346	32 0	BORDER SECTIONS.				
W. Loch Lomond	117	1028	28 37	Port Clyde	117	2591	23 87	
Hureauville	117	2100	40 62	Charlesville	115	3684 $\frac{1}{2}$	30 33	Rockville 117 3132 $\frac{1}{2}$ 28 29
				Clyde River	234	1972 $\frac{1}{2}$	18 73	Lower Town 702 21609 $\frac{1}{2}$ 18 28
							Central 930 33001 $\frac{1}{2}$ 26 23	
							Milton 818 23805 207 77	
							Overton 115 1696 20 86	
							Pembroke 117 4331 $\frac{1}{2}$ 34 41	
							North Chegoggan 111 3701 30 58	
							Sanford 117 4571 35 62	
							Port Maitland 279 8942 $\frac{1}{2}$ 75 01	
River Inhabitants	117	1845	26 02	VICTORIA.			Norwood 117 1617 $\frac{1}{2}$ 20 68	
Port Hawkesbury	351	2184	25 57	Baddeck	459	12225	123 23	
				Baddeck Bridge	117	1493	21 56	
				Big Baddeck	117	1367	20 79	
				East Baddeck	117	2577	28 13	
				Mill Brook	109	741	16 14	
				Peter's Brook	84	526	12 15	
				Baddeck Bay	117	1945	24 30	
				Hunter's Mount	84	2491	24 09	
				Church	117	1130	19 35	
				McLennan	117	1724	23 55	
				Up. Settlement	117	3430	33 32	
				Gillander's Mt.	117	938	18 19	
				Gairloch Mt.	95	816	15 09	
				West Middle River	117	2160	25 60	
				Inlet	113	1059	18 48	
				Shipyard	117	1214	19 86	
				Bucklaw	107	1200	18 70	
				Up. Watchab'kt	117	4700	41 03	
				Grant	99	2349	24 82	
				Little Narrows	92	2119	22 68	
				Village	112	1101	18 64	
				Cain's Mount	78	532	11 55	
				McKinnon's Har.	117	2800	29 50	
				Grand Narrows	117	1821	23 55	
				R. Grand Narrows	100	2510	23 13	
				Gillis Point	117	4285	38 50	
				Red Head	114	2118	25 03	
				Plaster	117	2550	27 97	
				Rocky Side	117	1752	23 13	
				Cape Dauphin	117	2800	29 50	
				Sea View	117	4120	37 50	
				E. Boularderie	117	2130	25 42	
				Munroe	117	2400	27 07	
				E. Kempt Head	115	1453	21 10	
				Point Clear	85	1563	18 56	
				Bland Point	112	1500	21 06	
				Big Hill	117	1618	22 32	
				South Gut	117	2140	25 48	
				English Town	117	4457	39 51	
				North Gut	117	943	18 22	
				Munroe's Point	117	3231	32 10	
				North River	117	2806	29 52	
				Upper N. River	115	2428	27 01	
				Smith's Mount	117	1384	20 89	
				East Tarbet	117	2369	26 96	
				Eel Cove	105	1500	20 52	
				Indian Brook	117	1404	21 02	
				Plaster	112	1681	22 16	
				French River	117	2871	29 92	
				Wreck Cove	112	2138	24 92	
				Clyburn Bk.	117	3629	34 52	
				East Ingonish	100	3344	30 98	
				South Cove	117	4427	39 36	
				Big Intervale	117	2094	25 20	
				N. Harbor	117	4680	40 90	
				Sugar Loaf	117	3257	32 26	
				New Haven	112	2624	27 88	
				Rear Big Hill	84	516	12 09	
				Centre	117	2433	27 27	
				North Smoky	113	1866	23 38	
				West Kt. Head	117	2122	25 37	
				West Ingonish	81	2707	25 08	
				Goose Cove	110	1519	20 96	
				Middle Harbor	117	1936	24 25	
				South Harbor	117	1768	23 23	
				Middle River	117	2791	29 44	
				St. Paul's Island	117	1072	19 00	
				Garry	117	1285	20 30	
							POOR SECTIONS.	
							*Comeau's Hill 68 1331 23 71	
							*Surette's Island 112 2326 $\frac{1}{2}$ 40 48	
							*Bell Neck 116 651 23 37	
							BORDER SECTIONS.	
							Gavelton 117 2336 30 05	
							Charlesville 115 513 $\frac{1}{2}$ 5 56	
							Melbourne 115 $\frac{1}{2}$ 584 6 23	

The above is a republication of the apportionments for term ended April 30th, 1836. Those for the term ended October 31st, 1836, will be given in next issue of Journal.



## JOURNAL OF EDUCATION.

		CUMBERLAND.			
Shanahan, Maggie	103 28 61	Hawes, Mrs. Alma	106 29 44	*Greenfield, Ellen	103 36 74
Spencer, Mary J	108 30 00	*Hingley, Susan	103 37 08	Henderson, Jessie	106 29 44
Slattery, Theresa	108 30 00	McDougall, Jean	108 30 00	*Henderson, Mary E	106 37 80
Tutty, Sarah	108 30 00	*McKay, Jane A	88 31 67	Higgs, Susan	88 31 39
*Campbell, Michael	86 30 87	*McKay, Anna B	108 38 88	*Hislop, Bessie	102 36 38
*Dowd, Christia	108 38 77	McNutt, Maggie J	108 30 00	Hunter, Clarissa	108 45 00
*Ferguson, John A	108 38 77	*Pratt, Clarissa	108 38 88	Jackson, Wm H	103 28 61
*Ferguson, Christie	104 37 33	*Reid, Mary Jane	108 38 88	Johnson, Sara	108 30 00
*Gouthro, Robt	108 38 77	Robb, Charlotte F A	108 30 00	King, Ada M	108 30 00
*McDonald, John	108 38 77	*Rose, Bessie A	108 38 88	King, Mary E	108 30 00
*McDougall, Duncan	60 21 53	Stevens, Lillie	108 30 00	Lewis, Lizzie	108 30 00
*McGillivry, Angus	108 38 77	*Terry, Jennie C	108 38 88	*McCully, Mary	107 38 16
*McIsaac, John R	90 32 31	Tupper, Ada M	108 30 00	McDonald, Mary	108 30 00
*McLean, Agnes	107 38 41	*Wallace, Mary	108 38 88	McIntosh, Maggie	108 30 00
*McLean, Angus	106 38 05			*McIntosh, Annie	108 30 00
*McLean, R J	108 38 77			*McKinley, Arvilla	96 34 24
*McLean, Mary	108 38 77	Creelman, Sara	104 57 77	McLeod, Annie	103 30 00
*McNeil, Rory D R	108 38 77	Fraser, Peter	106 58 88	McLeod, Daniel	108 30 00
*McNeil, James J	108 38 77	Johnson, J W	108 60 00	Munroe, Maria	108 30 00
*McPhee, Isabel	108 38 77	McCart, Clara A	108 60 00	*Munroe, Jessie M	53 18 91
*McVarish, Mary L	102 36 61	O'Brien, Charlotte	108 60 00	Myers, Mary	108 30 00
*Morrison, J W J	58 20 82	Ryan, Joanna	104 57 77	Peel, Jas E	76 21 11
*Nicholson, Sarah	54 19 39	Yuill, Etta J	108 60 00	*Peppard, Cassie A	107 38 16
		Archibald, Minnie	104 43 33	Piggott, Mary A	108 30 00
<b>COLCHESTER.</b>		Bentley, Libbie	108 45 00	Pipes, Ada	108 28 61
SOUTH.		Blair, Amelia	108 45 00	Purdy, J A	60 16 66
Smith, J A	104	Clarke, Helen T	106 44 16	Schurman, Cassie	106 29 44
Archibald, A W	97 <sup>1</sup> 54 16	Clarke, Martha	108 45 00	Schurman, Minnie	108 30 00
Creelman, Susan	108 60 00	Copp, Emma	104 43 33	Scott, Mary B	108 30 00
Forbes, Bertha	54 30 00	Crowe, Everett	103 45 00	Smith, Minnie	108 30 00
Henry, J K	89 49 44	Crowe, Eva J	107 44 58	Spencer, Jenpie	108 30 00
Laird, Alex	105 58 33	Davison, Augusta	108 45 00	Stewart, Sara B	108 30 00
Little, James	104 57 77	Fredericks, Irvin	98 40 83	*Stonehouse, Aug	19 6 77
Logan, Sarah	79 43 88	Hynds, Mary C	108 45 00	*Teed, Ida	105 37 45
Logan, J W	19 10 55	Lane, Agnes	108 45 00	Trenholm, Bessie	108 30 00
Mahon, James A	105 58 33	Logan, Lenella	108 45 00	*Wilson, Frances G	103 36 74
Murray, Kate	108 60 00	McDougall, J A	100 41 66	Wilsou, Ruth	108 30 00
Richardson, L A	107 59 44	Peppard, Sara J	88 36 66	*Wood, Emma	104 37 09
Upham, Josie A	108 60 00	Rutherford, Janie	103 42 91	Wood, Hubert	108 30 00
Wallace, Sadie M	108 60 00	Spencer, Edith	108 45 00	Woodland, Maggie	107 29 72
Archibald, Janet	108 45 00	West, Susanna	108 45 00	Cameron, Christie A	8 2 22
Archibald, Clara M	105 43 75	Wood, Edgar	107 44 58		
Archibald, Lucy E	91 37 91	Carroll, Orillia	108 30 00	<b>PARRSBORO'.</b>	
Barnhill, Emma	108 45 00	Carroll, Lon Ella	108 30 00	Cameron, Bertha	54 30 00
Bentley, Lieuana	108 45 00	Fletcher, Elzina	108 30 00	Charman, Mary	108 60 00
Bland, Rosa	108 45 00	*Fulton, Eunice	54 19 44	Ole, Geo W	108 60 00
Bland, Bessie	108 45 00	*Johnson, Jennie S	108 38 88	Godfrey, Jno F	108 60 00
Chaplin, Jennie C	89 37 08	*Layton, Herbert	31 12 24	Spencer, Lucy	108 60 00
Clifford, Nettie	108 45 00	*McCart, Joanna	108 38 88	Sprout, Mary J	108 60 00
Cook, Mary A L	108 45 00	*McLean, Laura	67 24 13	Balcom, Laura	108 45 00
Cox, Emily A	108 45 00	*McLellan, Amelia	107 38 53	Corbett, Carrie M	104 43 33
Dunlap, Ella	108 45 00	*McLeod, Sara B	104 37 43	Egan, Sampford	108 45 00
Dunlap, Anna F	88 36 66	Moore, Agnes	108 30 00	Kerr, Minnie	106 44 16
Frame, Joseph F	52 21 66	Peppard, Ada	108 30 00	Kirkpatrick, Maud	108 45 00
Francis, Eben	103 42 91	Probert, Harriet	104 28 88	Kirkpatrick, Martha	50 20 83
Fraser, Jennie	100 <sup>1</sup> 41 87			Logan, Carrie	102 42 50
Grant, Christy	108 45 00	<b>TATAMAGOUCHE.</b>		Logan, Alice	107 44 58
Hamilton, Isabella	108 45 00	Bowles, H E A	108 60 00	Mason, Mary A	108 45 00
Hanna, Amanda	107 44 58	Byers, Josephine	107 44 58	McCabe, Lottie	107 44 58
Jackson, Mary	108 45 00	Drysdale, Carrie	108 45 00	Ryan, Mary	97 40 41
Johnson, Minnie	106 44 16	Fraser, Grace	108 45 00	Sayre, Julia	108 45 00
Joyce, Grace A	108 45 00	McCurdy, Lillie T	103 42 91	Sayre, John	108 45 00
Kent, Laura	108 45 00	*McKay, Fannie F	108 45 00	Seanan, Annie	108 45 00
Langill, Cassie J	98 40 83	McKay, A L	103 42 91	Smith, Sara E	54 22 50
Lays, Melissa	54 22 50	McKay, Barbara	102 42 50	Vickery, Elma	104 43 33
Lewis, Ada	108 45 00	McLeod, Georgina	108 45 00	Wotton, Ethel	107 44 58
Lindsay, Mary E	108 45 00	Sutherland, D W	108 45 00	*Faulkner, Nancy J	108 38 52
McCully, Isabel	106 44 16	Tattrie, Geo L	108 45 00	Gillespie, Clara	108 30 00
McDougald, A F	104 <sup>1</sup> 43 54	*Carlyle, Janet	108 38 88	Hatfield, Hallie	102 28 33
McLellan, Mary	107 44 58	*Henderson, Bessie	108 38 88	*Mahoney, Jessie	58 31 37
McLeod, Mary I	108 45 00	Matheson, Maggie	106 44 16	*	30
McNutt, Minerva	108 45 00	Miller, Maggie	108 30 00	*Mahoney, Maggie	78 27 82
Mahon, Maggie A	105 29 16	Munroe, Annie J	108 38 88	Mason, Christina	107 29 72
Munro, Susie	108 45 00	Murray, Janie	106 29 44	Pettis, Essie	55 15 27
Ryan, Lora J	108 45 00	McKay, Belle	108 30 00	*Smith, Bessie E	108 38 52
Smith, Alice	108 45 00	McKay, Mary J	108 30 00	Spencer, Hattie	51 14 16
Spencer, Mary B	107 44 58	McKay, Arabella C	108 30 00	Stevens, Eva K	49 13 61
Teas, Maggie B	108 45 00	McKay, Anna Bella	108 30 00	Wood, Mary O	108 30 00
Tupper, Alice	108 45 00	McKay, Bessie	108 30 00		
Tupper, Bessie	108 45 00	*McKay, Mary S	108 38 88	<b>DIGBY.</b>	
Turner, Minnie	108 45 00	*McLean, Mary C	108 38 88	Magee, W H	107
Webber, S A O	108 45 00	*McLeod, Mary	108 38 88	Alexius, Sister	108 60 00
West, Emma	108 45 00	*McLeod, Minnie E	108 38 88	Anderson, Annie E	108 60 00
Yuill, Annie	106 <sup>1</sup> 44 38	McDonald, Annie	108 30 00	Grierson, J Arthur	108 60 00
Burnett, Emma M	106 29 44	Ross, Maggie J	104 28 88	Hamilton, R C	105 58 33
Fulton, J Avard	108 30 00	Weatherby, Ellen	88 24 44	Ilavay, Bernard	107 59 44
		Assistant.			
		Nichol, Emma	20 00		









JOURNAL OF EDUCATION.

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DISTRICT OF BARRINGTON.		McDonald, Kenneth 107 44 58 McLean, Florence 108 45 00 McKenzie, Alex 98 40 88 McAulay, M S 91 37 91 McNeill, Mary 108 45 00 McDonald, Mary 108 45 00 Robertson, Maggie 108 45 00 Ross, Robt O 108 45 00 Tingley, Stephen 108 45 00 Burton, Eliza 107 29 72 Carroll, James 43 11 94 Campbell, Maggie 108 30 00 Conners, John 107 29 72 Finlayson, Lexie 108 30 00 Gillis, James 44 12 22 Hartigan, Bridget 108 30 00 Ingram, Esther 108 30 00 Ingram, Walter 108 30 00 Ingram, Jos E 108 30 00 Ingram, Seth W 108 30 00 McLeod, Effie A 106 29 44 McLeod, Cath 108 30 00 McKenzie, Joanna 108 30 00 McIver, Henry 108 30 00 McIntosh, Lizzie 108 30 00 McLeod, Christina 108 30 00 McLeod, Dan C 55 15 27 McEachen, Maggie 42 11 66 McDonald, Rodk 97 26 94 McDonald, William 108 30 00 McInnis, Kenneth 106 29 44 McLean, Maggie 108 30 00 McIntosh, Alex 108 30 00 McDonald, Christie 108 30 00 Morrison, Murd D 108 30 00 Morrison, M G 108 30 00 Morrison, Barbara 108 30 00 McAulay, Norman 108 40 00 McAulay, Rodk 108 40 00 Buchanan, Murd 108 30 00 Campbell, Sara 108 30 00 Fraser, Nellie 108 30 00 Guinn, Lizzie 108 30 00 Kerr, John 108 30 00 McKay, Dan 108 30 00 McEachen, J A 93 25 83 McRae, Christie 105 29 16 McLeod, Dan 106 29 44 McLean, Donald 108 30 00 McKay, Murd 100 27 77 McMillan, Mary 108 30 00 MacLennan, Jessie 108 30 00 MacRae, Mary 91 25 27 McDonald, M W 104 28 88 McKenzie, Florence 108 30 00 McDonald, Joanna 108 30 00 McAskill, Mary A 108 30 00 McLeod, George 108 30 00 Morrison, Maggie 108 30 00 Munroe, Grace 108 30 00 Munroe, Mary 108 30 00	Malony, Sarah 108 80 00 Palmer, Annie E 108 30 00 Guinn, Mary A 108 20 00	Patten, Louie 107 29 72 Tedford, Ella 106 29 44
		<i>Assistant.</i>	<i>Poor Sections.</i>	
		DISTRICT OF YARMOUTH.	DISTRICT OF ARGYLE.	
		Cameron, A 105 McKenzie, A S 105 Munro, Jas H 101 102 87 Archibald, Amy 100 55 55 Allen, Emma 89 49 44 Churchill, A F 100 55 55 Goudy, Theodocia 101 56 11 Hatfield, F A W 102 56 94 Hibbert, Lizzie 101 56 11 Horner, W P 54 30 00 Kempton, W F 107 59 44 McKenna, A J 84 46 66 McKenna, H W 24 13 03 Parker, George S 106 58 88 Rogers, Benj 101 56 11 Robbins, Augusta 100 55 55 Allen, Fanny 12 5 00 Archibald, Maud 108 45 00 Crosby, Susan 105 43 96 Crosby, Jessie 100 41 66 Cobb, Isabel 100 41 66 Chipman, Agnes 108 45 00 Delamere, Susan 101 42 08 Ellis, Calista 98 40 83 Goudy, L Ada 101 42 08 Goudy, Emily T 107 44 58 Hilton, Mary M 107 44 58 Hilton, Ellen C G 101 42 08 Hibbert, Hattie 107 44 58 Huestis, Hannah 101 42 08 Jack, Maggie D 101 42 08 Knollin, Minnie 91 37 91 Lyle, Emily R 101 42 08 Metzke, O A Von 101 42 08 Marshall, Rosina 49 20 41 Larkin, M. L 108 45 00 Perry, Rilla J 107 44 58 Rose, Mabel F 108 45 00 Starratt, M O 100 41 66 Simms, Ella 108 45 00 Trask, Annie E 108 45 00 Webster M H 100 41 66 Weston, Alena 52 21 66 Wilson, Helen 108 45 00 Woodworth, Margt 104 43 83 Allen, Amy 107 29 72 Cavanah, Bessie 108 30 00 Goudy, Edith 108 30 00 Hatfield, Laura 108 30 00 McHenry, J A 108 30 00 Mood, Abbey 104 28 88	Gilman, Emma 108 60 00 Grierson, Jean 103 57 22 Maitell, E A 108 60 00 Sister, Mary Ann 107 59 44 Sister, M Louis 107 59 44 Daley, Maggie 108 45 00 McGee, Anna 101 42 08 McAdams, J S 106 44 16 Richau, Ernest A 92 38 32 Sutherland, E M 108 45 00 Sutherland, Louie 107 44 58 Sutherland, Agnes 107 44 58 Sister, Mary John 105 43 75 Sister, Armina 103 42 91 Sims, Bertha 108 45 00 Abbott, Adra 107 29 72 Bourque, Maggie 107 29 72 Bourque, Fanny 86 23 88 Cotreau, Adele 108 30 00 D'Entremont, Nem 108 30 00 D'Entremont, Louise 108 30 00 D'Entremont, Her 108 30 00 Hurlburt, Lily 108 30 00 Hurlburt, Maud 107 29 72 Hatfield, Carrie 108 30 00 LeBlanc, John B 108 30 00 Nickerson, Cordelia 108 80 00 Pothier, Marie R 108 30 00 Potier, Rose Aimee 108 30 00 Surette, Zachary 65 18 05 Surette, Martha 107 29 72 Surette Chautal 106 29 44 Surette, Emily 106 29 44 Surette Adele 108 30 00 Richard, Angele 108 30 00	
		<i>Poor Sections.</i>	<i>Poor Sections.</i>	
*Crowell, Annie 87 32 22 *Gardner, F E 108 40 00			*Crowell, P L 107 39 62 *Hurlburt, Libby 108 40 00 *Richard, Fanny 108 40 00 *Surette, Fanny 108 40 00	
VICTORIA.				



## OFFICIAL NOTICES.

**TEACHING DAYS.**—The number of Teaching Days for the current term, closing April 30th, is 116; for the City of Halifax, 114.

The number of Teaching Days for the ensuing term, beginning May 1st, is 109; for the City of Halifax, 99.

**Trustees and teachers will observe that whatever day may be proclaimed by the Governor-in-Council as a Public Holiday for the due observance of Her Majesty's jubilee, will, of course, be a holiday in the Public Schools throughout the Province.** Allowance has been made for such a holiday in the preceding announcements.

**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 travelling 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 a 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 12th 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 as 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.

### EXAMINATION FOR TEACHERS' LICENSES.

These examinations will begin at 9 a. m. on Tuesday, July 19th. 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.

**The attention of Principals of County Academies and other High Schools, is particularly directed to the following:—**

**MATRICULATION STANDARDS IN CLASSICS, ADOPTED BY THE COLLEGES OF NOVA SCOTIA, and Prescribed by the Council of Public Instruction as a Course of Classical Reading for County Academies and High Schools.**

FOR 1887.

#### LATIN SUBJECTS:

Cesar, *De Bel*, *Gall.* Book I.

Ovid, as for 1886. (Acadia College will also require Cicero (*Pro M. Marcello*.)

#### GREEK SUBJECT:

Xenophon, *Anabasis*. Book II. (Dalhousie College will also require for "Munro Exhibitions and Bursaries," Xenophon, *Anabasis*, Book III.)

#### PROSE COMPOSITION:

*Latin.*—Smith's *Principia Latina*, Part IV. Chapters I-XXXV, (or Arnold's *Latin Prose Composition* through the Passive Voice.)

*Greek.*—The rendering into Greek of simple English sentences such as are found in the English-Greek Exercises in Smith's *Initia Graeca*, Part I.

FOR 1888.

#### LATIN SUBJECTS:

Cesar, *De Bell*, *Gall.* Book I.

Virgil, *Aeneid*. Book I. (Acadia College will also require Cicero's *Second Philippic*.)

#### GREEK SUBJECT:

Xenophon, *Anabasis*. Book III. (King's, and Dalhousie for "Munro Exhibitions and Bursaries," will also require Xenophon's *Symposium*,—edition published by John Allyn, Boston.)

#### PROSE COMPOSITION:

FOR 1889.

#### LATIN SUBJECTS:

Virgil, *Aeneid*. Book I.

Cesar, *De Bell*, *Gall.* Books II and III. (Acadia College will also require Cicero's *Second Philippic*.)

#### GREEK SUBJECT:

Xenophon, *Symposium*. (King's, and Dalhousie for "Munro Exhibitions and Bursaries," will also require Xenophon, *Anabasis*, Book IV.)

#### PROSE COMPOSITION:

FOR 1887.

## DATES OF MEETINGS OF BOARDS OF SCHOOL COMMISSIONERS.

Cape Breton, May 25th.	West Hants, May 20th.
Richmond, July 5th.	East Hants, June 8th.
S. Inverness, May 26th.	Kings, May 17th.
N. Inverness, May 31st.	Annapolis West, May 17th.
Victoria, June 3rd.	Annapolis East, May 20th.
Antigonish, May 10th.	Digby, June 7th.
Guysboro', May 31st.	Clare, June 8th.
St. Mary's, June 7th.	Shelburne, May 17th.
N. Pictou, May 20th.	Barrington, May 18th.
S. Pictou, May 23rd.	Argyle, May 19th.
S. Colchester, May 17th.	Yarmouth, May 20th.
West Colchester, May 18th.	S. Queens, May 26th.
Sterling, May 20th.	N. Queens, June 21st.
Cumberland, May 31st.	Lunenburg and New Dublin, May 25th.
Parrsboro', May 16th.	Chester, May 20th.
Halifax West, May 20th.	
Halifax Rural, June 17th.	
Halifax Shore, June 10th.	

\*At Lunenburg for present year.

## ANNUAL SCHOOL MEETING.

The date of the Annual School Meeting for the current year is **Monday, Sept. 26th.** 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 and 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.

## INSPECTORIAL 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—James H. Munro, Yarmouth.
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, A. M., Antigonish.
District No. 7, the Counties of Cape Breton and Richmond—M. J. T. Macneil, A. B., 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.

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

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.

- For first year. Nos. 5 and 6 of the American Text Book of Art Education (retail price 15 cents each.)
- 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 reasonable 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.) Dalgleish's Introductory Text Book of English Composition (A. & W. Mackinlay.)

(3.) Dalgleish'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 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).  
Dawson's Handbook of Zoology (Dawson Bros., Montreal.)  
N. A. Calkin's (Boston) Primary Object Lessons (Harper Bros., New York).

*Note.*—Prang'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.

The following is the legal form of agreement between Teachers and Trustees.

#### FORM OF AGREEMENT.

Memorandum of Agreement made and entered into the..... day of ..... A.D., 18..., between (name of teacher) a duly licensed teacher of the..... class, of the one part, and (names of trustees) Trustees of School Section No. .... in the district of ..... of the second part.

The said (name of teacher) on his (or her) part, in consideration of the below mentioned agreements by the parties of the second part, hereby covenants and agrees with the said (names of trustees), Trustees as aforesaid, and their successors in office, diligently and faithfully to teach a public school in the said section under the authority of the said Trustees and their successors in office, during the School Year (or Term), ending on the 31st day of October next (or the 30th day of April, as the case may be).

And the said Trustees and their successors in office on their part covenant and agree with the said (name of Teacher) Teacher as aforesaid, to pay the said (name of Teacher) out of the School Funds under their control, at the rate of ..... dollars for the School Year (or Term).

And it is further mutually agreed that both parties to this agreement shall be in all respects subject to the provisions of the School Law and the Regulations made under its authority by the Council of Public Instruction.

In witness whereof, the parties to the e presents have hereto subscribed their names on the day and year first above written.

Witness,

; Name of Witness.]

[Name of Teacher.]

[Names of Trustees.]

## PROVINCIAL EDUCATIONAL ASSOCIATION.

The eighth annual meeting of the Provincial Educational Association, will be held in Assembly Hall, of the Normal School, Truro, on Wednesday and Thursday, 13th and 14th July.

Papers will be read by

Rev. A. W. Sawyer, D. D., President of Acadia College, on "The Register as an Index of the Teacher's Success."

Prof. Chas. G. D. Roberts, A. M., of King's College, on "The Teaching of English."

Prof. Buruash, A. M., of Mt. Allison College, Sackville, N. B., Subject to be announced.

P. O'Hearn, Esq., Principal of St. Patrick's High School, Halifax, on "Economy in Education."

E. M. Chesley, Esq., A. M., on "Spiritual Science as related to Physical Science."

Miss A. G. Jackson, on "The Relative Advantages of Skilled and Unskilled Labor."

Further particulars will appear in the Report of Proceedings of last meeting of Association, to be issued in May.

In behalf of Executive Committee.

ALEX. MCKAY,  
Secretary.  
Halifax, April 30th, 1887.

The specimens of school furniture contributed by Messrs. Rhodes, Curry & Co., of Amherst, and Mr. F. Scarfe, of Dartmouth, to the Nova Scotia "Educational Exhibit" at the Colonial and Indian Exhibition, received much attention, and were very favorably noticed by Educational authorities on the other side. We are safe in suggesting to Trustees about to furnish School-houses the propriety of applying to either of the firms named for price-lists and other information.

## THE PROVINCIAL NORMAL SCHOOL.

TRURO.

J. B. CALKIN, M. A., Principal.

Professor of Didactics..... J. B. Calkin, M. A.  
" Language and History..... J. B. Hall, Ph. D.

" Mathematics ..... F. H. Eaton, B. A.  
Lecturer in Natural Science ..... H. W. Smith, B. Sc.  
Instructor in Industrial Drawing and Calisthenics,

Miss Ottie A. Smith.

Head Master of Model School..... J. A. Smith, B. A.

Copies of Regulations and By-laws of Institution can be at all times obtained on application to the Principal

The annual session begins November 2nd. Formal opening November 9th.

The School of Agriculture in connection with the Provincial Normal School is under the direction of Professor Herman W. Smith, B. Sc., to whom application for the Annual Register of the Institution should be addressed.

## PROVINCIAL EXAMINERS FOR TEACHERS' LICENSES.

History and Geography .....	Rev. T. J. Daly, A. M.
Mathematics .....	D. F. Higgins, A. M., Ph. D.
Language .....	Rev. G. B. Dodwell, A. M.
School System, Science, &c. ....	Rev. J. Currie, D. D.

GOOD MAPS are essential to a complete school-room outfit. Rand, McNally & Co.'s "New Series of Educational Maps," especially designed and engraved for use in schools, merit attention, as combining cheapness and utility in a high degree. These maps vary in size from 41x52 in. to 41x58 in., and are offered by the Nova Scotia agents, Messrs. A. & W. Macaulay, at \$2.50 each.

## BOND OF SECRETARY TO TRUSTEES.

The following is the proper form of bond:

## PROVINCE OF NOVA SCOTIA:

Know all men by these Presents, That we (*name of secretary*), as principal, and (*name of sureties*) as sureties, are held and firmly bound unto our Sovereign Lady Victoria, by the grace of God, of the United Kingdom of Great Britain and Ireland, Queen, &c., in the sum of..... of lawful money of Nova Scotia, to be paid to our said Lady the Queen, her heirs and successors, for the true payment whereof, we bind ourselves, and each of us by himself, for the whole and every part thereof, and the heirs, executors and administrators of us and each of us, firmly by these presents, sealed with our seals, and dated this... day of....., in the year of our Lord one thousand, eight hundred and....., and in the..... year of Her Majesty's reign.

Whereas, the said (*name of Secretary*) has been duly appointed to be Secretary to the Board of Trustees of..... School Section No..... in the District of.....

Now the condition of this obligation is such: That if the said (*name of Secretary*) do and shall, from time to time, and at all times hereafter, during his continuance in the said office, well and faithfully perform all such acts and duties as do or may hereafter appertain to the said office, by virtue of any law in this Province, in relation to the said office of Secretary of Trustees, and shall in all respects conform to and observe all such rules, orders or regulations as are now or may be from time to time established for or in respect of the said office, and shall well and faithfully keep all such accounts, books or papers as are or may be required to be kept by him in his said office, and shall in all respects well and faithfully perform and execute the duties of the said office; and if on ceasing to hold the said office, he shall forthwith, on demand, hand over to the Trustees of said School Section, or to his successor in office, all books, papers, moneys, accounts and other property in his possession by virtue of his said office of Secretary—then the said obligation to be void—otherwise to be and continue in full force and virtue.

Signed, sealed and delivered } [Name of Secretary] (Seal)  
in the presence of } [Name of Sureties] (Seal)

[Name of Witness]

We, the subscribers, two of Her Majesty's Justices of the Peace for the County of..... do certify our approbation of..... [name of Sureties] within named as sureties for the within named [Name of Secretary], and that they are to the best of our knowledge and belief, persons of estate and property in the said County of..... and of good character and credit, and sufficiently able to pay, if required, the penalty of the within bond.

Given under our hands this.... day of..... A. D., 188...  
[Names of Magistrates.]

## EXAMINATION FOR TEACHERS' LICENSES, 1887.

The following persons received Licenses of the Third Class (Grade D) at the Annual Examination held July, 1886, in accordance with the Law and Regulations of the Council of Public Instruction respecting the examination and licensing of Teachers. Candidates are arranged in *order of merit*. Brackets indicate equality.

Wm. M. Ferguson, Normal School.  
Maggie J. Graham, "  
Wm. V. Chisholm, "  
Maria J. Hill, "  
Maude Herman, Luneburg.  
Chas. F. Gouthro, Frenchvale, C. B.  
Lillie McDormand, Round Hill, Ann. Co.  
Gertrude A. Harvey, Ellershouse, Hants Co.  
Mary P. Bain, Brazil Lake, Yar. Co.  
John T. Tuthill, Sydney, C. B.

Roland Davison, Normal School.  
Dora M. Wellwood, Upper Newport.  
{ Annie McDonald, N. E. Margaree.  
{ Millie Lingille, Tatamagouche.  
Sophia DeMone, Lunenburg.  
{ Mary J. Reid, Normal School.  
{ Olivia Cobb, Sackville, Hx. Co.  
Eliza J. Wetmore, Cedar Lake, Yar. C.  
{ Ada Simms, Plymouth, Yar. Co.  
Carrie A. Davis, Westport.

Howard H. Hubley, Normal School.  
John H. McKay, "  
Barbara A. Morrison, "  
Neil Ross, East Earlton.  
Isaac A. Larkin, Shag Harbor, Shel. Co.  
{ Clara M. Bright, Normal School.  
{ Alia M. Soley, Debelt Station.  
Mary I. Johnson, Plymouth, Yar. Co.

Cora M. Bacon, Normal School.  
 Odessa Etter, Falmouth.  
 Emma S. Shaw, Newport.  
 Carrie A. Perry, Carlton, Yar. Co.  
 Ellen M. Skerry, New Ross, Lun. Co.  
 Maggie Lorne, Westville, Pic. Co.  
 Annie McKinlay, Lower Onslow.  
 Sylvester Gouthro, Frenchvale, C. B.  
 Ida H. Walsh, New Tusket, Digby Co.  
 Maggie E. McBain, Newton, Guy. Co.  
 Harriet Probert, Normal School.  
 Maude Syda, Round Hill, Ann. Co.  
 Florrie J. King, Horton Landing.  
 Patrick A. Garry, Guysboro'.  
 Charlotte F. A. Robb, Normal School.  
 Wm. G. Nowlan, Lower Selma, Hants Co.  
 Mary V. Jess, Scots Bay.  
 Susie J. Delong, Kempt, Hants Co.  
 C. W. Nelson, West Bay, C. B.  
 Ethel M. Skaling, S. Maitland, Hants Co.  
 Elize F. G. Hamilton, Brookfield, Col. Co.  
 Lexie Gillis, Normal School.  
 Maggie L. Milne, L. Meagher's Grant, Hx.  
 Jedidah T. Delong, New Germany, Lun.  
 Emma E. Dinnock, Weymouth Bridge.  
 Lois E. Langille, Summerville, Hants Co.  
 Florence C. Doherty, Lake Ainslie.  
 Mary Baker, Plymouth, Yar. Co.  
 Lexie R. Gilchrist, Peplar Hill, Pic. Co.  
 Martha Ennis, Harmony Mills, Queens Co.  
 Ella Reeves, Wallace Grant.  
 Leah S. Bigney, River John.  
 Fred. T. Smith, S. Brookfield, Queens Co.  
 Bessie Webber, New Germany, Lun. Co.  
 Gertrude L. Fleet, Bear River.  
 Sarah M. Rafuse, Lunenburg.  
 Edith M. Burhoe, S. Brookfield, Queens.  
 Mary Eisenhauer, Lunenburg.  
 Lizzie A. Porter, Westville.  
 Zilla Sandford, Bear River.  
 Mary J. McInnis, Georgeville, Ant. Co.  
 Walter E. Simpson, Manchester, Guy. Co.  
 Ellen Douglas, River John.  
 Danl. McNeill, Bridgeport, C. B.  
 Jane Creelman, Pembroke, Col. Co.  
 J. sephine Mahoney, Normal School.  
 Amanda Nickerson, Barrington.  
 Bessie Brown, Wallace Grant.  
 Dan McLeod, St. Ann's, C. B.  
 Lavinia Mason, Margaret's Bay.  
 Geo. McLeod, St. Ann's, C. B.  
 Annie E. Whitman, Round Hill, Ann. Co.  
 Hannah Pye, Liscomb.  
 John. W. G. Morrison, Catalone, C. B.  
 Maurice Tompkins, Margaree Forks.  
 Maggie I. Robertson, East Mines St., Col.  
 Susie W. Patten, Wellington, Yar. Co.  
 Ronald McKenzie, Port Hawkesbury.  
 Mary Bourneuf, Grosses Coques, Dig Co.  
 Irene A. Stevens, Debert Station, Col. Co.  
 Minnie I. Blackburn, Newport.  
 Mary A. Munro, North Earltown.  
 Laura F. Bent, Goldenville.  
 Arabella McPherson, Mabou.  
 Maggie Weaver, Medford, King. Co.  
 Mary Ann Doyle, Melford, C. B.  
 Maggie Kennedy, P. Mulgrave.  
 John D. Campbell, Margaree Forks.  
 Maggie J. Chisholm, Salt Springs, Ant. Co.  
 Annie M. Hart, N. E. Margaree.  
 Ella Keating, Guysboro'.  
 Amelia A. Lewis, N. E. Margaree.  
 Maggie E. McLean, Strathlorne, C. B.  
 Cliffe V. Dobson, Jolicure, N. B.  
 Alice M. Barteeany, N. Williamston, Ann. Co.  
 Kenneth McKillop, Grand River, C. B.  
 Ada Lemon, New Canada, Lun. Co.  
 Havilah Harpell, Wallace Bridge.  
 Sarah Gunn, Cross Roads, Guy. Co.  
 Benj. Belliveau, Lower East Pubnico.  
 Alice M. Marshall, Hainesville, Digby Co.  
 May B. Cunningham, Albion Mines.  
 Cordelia J. Boomer, Brookfield, Col. Co.  
 Bessie Henderson, River John.  
 Olivia Forshner, Wallace Bridge.  
 Joanna McAulay, Boudardie, C. B.  
 Jessie H. Snow, Port LaTour.  
 Carrie E. Franklin, Somerset, Kings Co.  
 Ewan D. McKillop, Grand River, C. B.

Mary L. Bartheaux, Dalhousie West, Ann.  
 Ellen R. Murray, Back Meadows, Pic. Co.  
 Jas. McLean, N. S. East Bay, C. B.  
 Chas. H. Macaulay, Pugwash.  
 Janet A. Mason, Parrsboro'.  
 Rachael C. Ross, N. E. Margaree.  
 Addie Baker, Bridgewater.  
 Janet M. Langille, Mahone Bay.  
 Mary A. Morrison, Englishtown, C. B.  
 Frances Saulnier, Saulnierville, Dig. Co.  
 John Gillis, Margaree Harbor.  
 Maggie A. Grant, Riv. Inhab. Bridge, C. B.  
 Sida M. Lohnes, Chelsea, Lun. Co.  
 Chrissie B. McDonald, Aspy Bay.  
 Eliza Logan, Wallace Grant.  
 Alex. McIsaac, Giant Lake, Guy. Co.  
 Bessie P. Laird, Normal School.  
 Leona M. DesMonte, Chelsea, Lun. Co.  
 Mary C. Walsh, New Tusket, Dig. Co.  
 Jessie D. McRae, Middle River, C. B. Co.  
 Wm. Bisson, Cheticamp, C. B.  
 Peter J. Webb, Harbor AuBouche.  
 Lottie B. Copps, Eagle Head, Queens Co.  
 Jas. McDonald, Margaree Forks.  
 John McIntyre, N. Sydney.  
 Martha E. Jones, Normal School.

The following obtained License of Grade D, but not the Grade applied for.

Albinus W. Horner, Yarmouth.  
 Eleu Graut, Weymouth.  
 Florence A. Magee, Town Plot, Kings Co.  
 Alice M. Strapp, Arichat.  
 Henry L. Cook, Bridgewater.  
 Emma L. Hamilton, Truro.  
 Grace L. Moran, Normal School.  
 Bessie F. Crowell, Berwick.  
 Minnie Hall, Durham, Pic. Co.  
 Honora McNeil, Mabou, C. B.  
 Annie E. Kelly, Cape Cano.  
 Jessie A. Reid, Avonport.  
 Danl. B. McIntyre, Heatherton, Ant. Co.  
 Minnie McLean, Normal School.  
 Mary H. Cox, Kingsport.  
 Edward Blackadder, Wolfville.  
 Mary Burgoyne, Kentville.  
 Bessie M. Greeno, Liverpool.  
 Melissa M. Graves, Chipman Brook, Kings.  
 Alex. F. Stewart, Pictou.  
 Annie C. Cain, Baddeck.  
 Rosie A. McPhee, West Gore.  
 Lina Cullinan, Liverpool.  
 Mary A. Atwood, Barrington.  
 Emma E. Bowley, Aylesford.  
 Jessie I. Sutherland, New Glasgow.  
 Bessie McCurley, Middle Musquodoboit.  
 Robt. K. Curris, Harbor Grace, Nfld.  
 Katie L. Doyle, Halifax.  
 Maggie T. McGilvray, Parrsboro'.  
 Eva Trenholm, Hantsport.  
 Cath. Power, Dartmouth.  
 Peter Fraser, Heathhill, Pic. Co.  
 Sophia A. Culton, Springville, Pic. Co.  
 Hattie Bishop, Aylesford.  
 Hugh D. Cameron, South River, Ant. Co.  
 Louisa H. Hart, Berwick.  
 Alonso C. Fales, Victoria Vale, Ann. Co.  
 Grace M. Sanders, Port Maitland.  
 Mabel H. Parsons, Halifax.  
 Bessie G. Johnson, West New Annan, Col.  
 Edwin Smith, Merigomish.  
 Jessie Dechman, Sherbrooke.  
 Lexie McLennan, Cow Bay, C. B.  
 Scott Nelson, Black River, C. B.  
 Maggie Muir, Shelburne.  
 May Reid, " "  
 Clara M. Caldwell, Halifax.  
 Emma E. Fulton, Normal School.  
 Archy E. Beaton, Mabou.  
 Annie Stewart, McLellan's Brook, Pic. Co.  
 Alex. Kennedy, Union Centre, Ant. Co.  
 Bessie J. McNeil, Berwick.  
 Mary A. Strong, S. Waterville, Kings Co.  
 Mary I. Morehouse, Sandy Cove, Digby Co.  
 Dosie Crooley, Gilbert's "  
 Janet S. MacKarakher, New Glasgow.  
 Cassie M. Fraser, Amherst.

Jennette Cox, Newton Mills, Col. Co.  
 Mary L. Morrison, Sherbrooke.  
 Maggie Martin, Halifax.  
 Minerva Holensworth, Normal School.  
 Mysie Bernard, Noel, Hants Co.  
 Katie M. Babin, Arichat.  
 Agnes J. Cox, Upper Stewiacke.  
 Maggie A. Gillis, Halifax.  
 Minnie Wier, Amherst.  
 Annie M. Rand, Canaan, Kings Co.  
 Emma Seaman, Lower Canard, Kings Co.  
 Marion E. Ogilvie, Up. Selma, Hants Co.  
 Susie Morse, Middilton, Ann. Co.  
 Maggie O'Conor, Guysboro'.  
 Fannie O'Brien, Halifax.  
 Daniel C. McLeod, S. E. Lake Ainslie.  
 Geo. M. McLeod, Middleton, Ant. Co.  
 Maggie McDonnell, Fraser's Mills, Ant. Co.  
 Katie M. Holmes, Cow Day, C. B.  
 Emma F. McCumber, Maitland, Hants Co.  
 John R. McDonald, Baddeck.  
 Sadie Douglas, Normal School.  
 Josephine A. Thomas, Arichat.  
 Elmon Bower, Shelburne.  
 Mary Kennedy, Halifax.  
 Roland M. Jost, Parrsboro'.  
 Frank S. Morton, Mt. Hanley, Ann. Co.  
 Mary H. Bennett, Somerset, Kings Co.  
 Minnie Nichols, Joggins Bridge, Digby Co.  
 Lila A. Bruce, Manchester.  
 Hattie J. Daniels, Rawdon.  
 Hector L. McKinnon, E. Lake Ainslie.  
 Minnie E. Kean, Jordan Bay.  
 Wm. P. Reynolds, Musquodoboit.  
 Eunice R. Gates, Digby.  
 Florence Stanley, Barrington.  
 Emily Christy, Normal School.  
 Donald Dewar, Wallace Bridge.  
 John R. Bryden, Somerset, Kings Co.  
 Charlotte Hennigar, Upper Kennetcook.  
 Freeman Foster, Port Medway.  
 Tena R. Peers, Normal School.  
 Lucy B. Borden, Kingsport.  
 May E. Marshall, Bayfield.  
 Hattie Wilson, Normal School.  
 Mary L. Roche, Lingan.  
 N. Blanche Stoddard, Clam Harbor.  
 Bella A. Dunlap, Valley Station, Col. Co.  
 Hattie M. Carrick, Guysboro'.  
 Aggie Corbett, Pictou.  
 Carrie Hemmeon, Liverpool.  
 Annie C. Hunt, Dartmouth.  
 Carrie McCole, Musquodoboit.  
 Theresa Burke, North Sydney.  
 Agnes McIlrorie, Scotch Village.  
 Ronald McDonald, Fraser's Mills, Ant. Co.  
 Lizzie Allen, Liverpool.  
 Nancy J. Creighton, Durham, Pictou Co.  
 Jesse B. Fraser, L. Sutherland River.  
 Agnes A. Bown, Sydney.  
 Lillie D. McCormick, Tiverton, Digby Co.  
 Alex. McDonald, Blues Mills, C. B.  
 Bertha Lohnes, New Germany.  
 F. H. Smith, Stanley, Hants Co.  
 Lizzie B. Turnbull, Bear River.  
 Belle F. Dickie, Port LaTour.  
 Amy C. Brown, North Sydney.  
 Mary S. Jinks, Parrsboro'.  
 Eben. Johnson, Pictou.  
 Wm. B. Chisholm, St. Andrew's, Ant. Co.  
 Sarah L. Sproul, West Brook, Cum. Co.  
 Isabel S. Woodworth, Noel.  
 Annie H. Pearson, Brooklyn St.  
 Sarah L. Hart, Berwick.  
 Robt. Douglas, Earltown.  
 Annie C. Gunn, E. River, St. Mary's.  
 Alex. D. McKay, S. E. Lake Ainslie.  
 Edgar M. Copp, Jolicure, N. B.  
 Neil R. McDonald, East Bay, C. B.  
 Angus D. McDonald, Mabou.  
 Henrietta F. Langille, Normal School.  
 Alex. H. R. Fraser, Port Hood.  
 Janie Beaton, Cow Bay, C. B.  
 Laura Day, Sydney Mines.  
 Symphorosa O'Brien, Antigonish.  
 Danl. K. McDonald, Stellarton.  
 Alex. J. McNeil, Mabou.  
 Williamina Sutherland, Normal School.  
 Alice M. Hadley, Middle Musquodoboit.