

ANNUAL REPORT

OF THE

INSPECTOR

OF THE

Public Schools

OF THE

CITY OF TORONTO,

FOR THE

YEAR ENDING DECEMBER 31st, 1880.

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TORONTO:

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1881.



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# Public School Board.

1880.

## Ward of St. Lawrence.

	Term Expires
JAMES BURNS, Esq. . . . .	Dec. 1880
THOMAS DAVISON, Esq. . . . .	Dec. 1881

## Ward of St. David.

EDWARD GALLEY, Esq. . . . .	Dec. 1880
E. P. RODEN, Esq. . . . .	Dec. 1881

## Ward of St. Thomas.

J. A. MILLS, Esq. . . . .	Dec. 1880
HENRY SWAN, Esq. . . . .	Dec. 1881

## Ward of St. James.

JAMES BAIN, Esq. . . . .	Dec. 1880
WALTER S. LEE, Esq. . . . .	Dec. 1881

## Ward of St. John.

E. P. PEARSON, Esq. . . . .	Dec. 1880
JOHN KENT, Esq. . . . .	Dec. 1881

## Ward of St. Andrew.

GEORGE WRIGHT, Esq., M.A., M.B. . . . .	Dec. 1880
W. H. KNOWLTON, Esq. . . . .	Dec. 1881

## Ward of St. George.

GEORGE McMURRICH, Esq. . . . .	Dec. 1880
JOHN MAUGHAN, Esq. . . . .	Dec. 1881

## Ward of St. Patrick.

W. MARA, Esq. . . . .	Dec. 1880
W. W. OGDEN, Esq., M.B. . . . .	Dec. 1881

## Ward of St. Stephen.

FOLLIS JOHNSTON, Esq. . . . .	Dec. 1880
WILLIAM BELL, Esq. . . . .	Dec. 1881

# Organization of the Board.

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## Chairman.

JAMES BAIN, Esq.

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## Standing Committees.

### I.—On Finance, Assessment and Salaries.

MESSRS. SWAN, (*Chairman*), DAVISON, McMURRICH AND PEARSON.

### II.—On School Management.

MR. LEE, (*Chairman*), DR. OGDEN AND DR. WRIGHT, AND MESSRS. RODEN AND MARA.

### III.—On Sites and Buildings.

MESSRS. KENT, (*Chairman*), BURNS, BELL, GALLEY AND MILLS.

### IV.—On Printing and Supplies.

MESSRS. JOHNSTON, (*Chairman*), KNOWLTON, AND MAUGHAN.

### V.—On Night Schools.

MESSRS. DAVISON, (*Chairman*), GALLEY, JOHNSTON, KENT, MAUGHAN AND MILLS.

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## Officers of the Board.

SCHOOL INSPECTOR,	- -	JAMES HUGHES, Esq.
SECRETARY,	- - - -	W. C. WILKINSON, Esq.
SOLICITOR,	- - - -	W. B. McMURRICH, Esq., M.A.
TRUANT OFFICER,	- - -	JOHN T. THOMPSON, Esq.
AUDITOR,	- - - -	R. C. FITZGERALD, Esq.

# Inspector's Annual Report.



# Inspector's Annual Report.

*To the Board of Public School Trustees of the City of  
Toronto:*

GENTLEMEN,

In accordance with a Resolution of your honorable Board, I respectfully submit the Twenty-second Annual Report of the Schools under your charge.

Appended to the Report will be found Statistical Tables which give in detail all important particulars relating to teachers, pupils, attendance, absenteeism, tardiness, studies pursued, cost of maintenance, &c.

## ATTENDANCE.

The total number of pupils registered during the year was 12,465.

The average daily attendance was 8,215. Last year it was 8,144.

577 pupils attended school less than 20 days.					
1103	“	“	“	between	20 and 50 days.
2461	“	“	“	“	50 “ 100 “
2051	“	“	“	“	100 “ 150 “
3935	“	“	“	“	150 “ 200 “
2338	“	“	“	“	200 “ 203 “

The number who attended school for over 100 days is 8,324, or 67 per cent. of the total registered number.

The number in attendance over 200 days is 905 more than last year.

The most correct idea of the relation of the Average to the Registered Attendance is obtained by comparing the average of Monthly Averages with the average of Monthly Registered Numbers.

The average of Monthly Registered Numbers was 8,987. This shows an increase compared with last year of 77. (See Table A.)

The average of Monthly Average Numbers was 8,108. This shows an increase of 38 when compared with the corresponding number of last year. (See Table B.)

The increase shown by Tables A and B over the attendance of the previous year is small, owing to the fact that there was not a sufficient number of schools to accommodate those who applied for admission.

The average of Monthly Averages was 90.3 per cent. of the average of Monthly Registered Numbers.

The best average for any month in the year was 93.3 the average for December.

The worst average was 88, the average for February.

The largest number was registered in October, and the smallest number in July. The attendance in July was 1,058 less than in any other month, and 1,302 less than the average.

## LATENESS.

The improvement in the punctuality of the pupils has continued during 1880. Both parents and pupils in nearly every part of the city seem to be fully alive to the importance of acquiring the habit of promptness. By reference to Table D it will be seen that the lateness is confined largely to a few Schools.

The following table shows the number of cases during the past seven years.

Date.	Average Attendance.	Cases of Lateness.
1874.....	4,814	69,456
1875.....	6,386	65,364
1876.....	5,976	31,476
1877.....	6,860	15,272
1878.....	7,467	7,474
1879.....	8,144	6,615
1880.....	8,215	5,967

(See Table D.)

## CERTIFICATES OF HONOR.

Certificates of Honor are awarded at the Christmas Vacation to such pupils only as have not been once absent or late, and whose conduct has been uniformly good, unless the absence or lateness shall have been occasioned by sickness, of not more than three weeks' continuance, to be certified in writing by the pupils' parents or guardians.

These Certificates are of two grades, and named respectively First Honor Certificates and Second Honor Certificates.

The First Honor Certificates shall be awarded to such pupils as have fulfilled the above condition for two consecutive sessions.

The Second Honor Certificates shall be awarded to such pupils as have conformed to the said rules for one session during the year.

The following statement shows the number of Certificates given in the various schools at the close of 1879 :

SCHOOLS.	First Honor	Second Honor	Total.
Dufferin .....	159	146	305
Wellesley .....	236	310	546
Ryerson .....	149	181	330
Phoebe Street .....	150	256	406
John " .....	118	136	254
Victoria " .....	78	121	199
Winchester " .....	102	146	248
Niagara " .....	85	100	185
Park " .....	70	85	155
George " .....	47	88	135
Louisa " .....	42	96	138
Bathurst " .....	54	136	190
Palace " .....	16	44	60
Parliament " .....	62	91	153
Church " .....	65	127	192
Elizabeth " .....	39	74	113
York " .....	13	17	30
Givins " .....	51	58	109
Borden " .....	20	31	51
Leslieville .....	7	17	24
Markham " .....	11	29	40
Total.....	1,574	2,289	3,863

I would strongly recommend that in the matter of conduct the number of misdemeanour marks allowed without invalidating a claim to a Certificate be reduced, so as to give good behaviour a more preponderating influence than heretofore.

## TEACHERS.

There were 150 Teachers in the employ of the Board at the close of the year, exclusive of the Special Teachers in Music and Drawing.

There are 22 Male, and 128 Female Teachers employed.

They hold Certificates as follows :

First Class Provincial.....	47
First Class County Board .....	18
Second Class Provincial... ..	85

I am glad to be able to report that Miss A. A. Gray, of Palace Street School, succeeded in raising her grade from Second to First Class at the examination last July.

## SCHOOL ACCOMMODATION.

There is no doubt that unless some method be adopted by the Legislature of Ontario to correct the legislation of 1879 in regard to school accommodation, great injustice will be done to rate-payers in cities and towns, where the school population is increasing. It may have been desirable to restrict School Boards so far as to prevent their building larger and more stylish school houses to take the place of those which provided sufficient accommodation for all pupils in the municipality or section, without authority from the ratepayers. There might be a difference of opinion regarding the substitution of a new brick building for an old frame house, which, though old fashioned, was sufficiently commodious. It is questionable, however, whether even this step would have been justifiable, as trustees are not often too extravagant in spending money, a part of which comes out of their own pockets in the shape of taxes. Whatever opinion may be

held on this question, however, it is difficult to see what could have induced a body of intelligent men to place it within the power of a Council to completely paralyze School Boards in their efforts to provide accommodation in a reasonable manner for children who have no schools at all which they can attend. The Trustees of Toronto have for years admitted pupils to their schools far in excess of the number allowed by law, in the hope that they would be able in a few years to overtake the rapidly increasing school population of the city. They found themselves in the early part of 1880 with over *two thousand pupils* in the schools more than the legal number, and with over six hundred applicants who could not be admitted. Under these circumstances application was made for the moderate sum of \$15,600.00, to provide additional accommodation, and the City Council took advantage of the right given by the amendment of 1879 to treat the request of the Board with absolute indifference, until near the close of the year, so that it was impossible to provide the accommodation which was so urgently needed. The result was that hundreds of children, whose [parents were anxious to have them in school, had to remain on the streets.

During the coming year it will be absolutely necessary (1) to enlarge Borden Street School; (2) to relieve Wellesley, Church Street, and Winchester Street Schools by a School in the northern part of the city; and (3) to provide accommodation in some way for the children unable to obtain admission into Phœbe Street, John Street, and Niagara Street Schools.

### APPARATUS.

During the year the schools were supplied with Globes, 60 in all having been purchased.

The Apparatus most needed now consists of Charts for Vocal

Culture, and some Geographical Apparatus for the primary classes.

### CLASSIFICATION.

The Pupils of the Schools are classified into ten grades. This makes the progressive steps in the advancement of a child comparatively easy. The most encouraging fact in this connection is that the number of pupils above the Second Book continues to increase. It is to be regretted that in the highest Divisions of boys the numbers are small.

On this question I offer the following remarks :

1. Promotions to these classes are only made once a year, in September, and consequently towards the close of the second session the number of pupils becomes reduced, owing to the fact that the larger boys are constantly leaving to go to business.

2. While fifty is regarded as the legal number in a class, it must be remembered that this is the *maximum* number, and all authorities agree in recommending a smaller number than this for advanced classes.

3. It is desirable that the Head Master of a large school should have reduced responsibility in connection with the class immediately under his charge, that he may be able to devote the necessary time to the supervision of his school.

4. Parents have a right to get for their children a thorough English education in the Public Schools. The Philistines who, for various selfish reasons, oppose the Public Schools, of course deny this. They would close these schools altogether if they could, and any concession made to them would but sharpen their appetites for the entire destruction of the system. The Fifth Book Classes can not be so cheaply taught in any other way, as

in the Public Schools. If they were removed from the Public Schools it would necessitate the erection of an additional High School, where they would be taught at a vastly increased cost to parents and the ratepayers generally. The corresponding classes in High Schools are not so largely attended as the smallest of our advanced classes.

5. The higher classes might be equalized by teaching the sexes together.

### PRIZE GIVING.

Prizes were given as usual at the close of the first session in July. In the highest four divisions they were given as the result of the combined examination. (See report of the combined examination). In the classes below the fourth book, the prizes were given on the joint basis of sessional records, and examination results. The Board presented prizes in books to the value of \$350.07.

In addition to the above, twelve scholarships were presented by the Board of Trustees of the Collegiate Institute, and two medals, one gold, and one silver, by Mr. John McDonald. These medals and scholarships were given for general proficiency. A medal was given by the Inspector for the best original design, and Mr. John Hallam presented a gold and a silver medal to the pupils who obtained the highest marks in Canadian History and Geography.

The Jesse Ketchum prizes were distributed in December, by Rev. Samuel Rose, D. D., Rev. John M. Cameron, Rev. H. D. Powis, and Mr. Warring Kennedy, accompanied by the Chairman of the Board, Mr. James Bain. These gentlemen visited the various schools, and delivered very useful and interesting ad-

dresses to the pupils before giving the prizes. This annual visitation is regarded with great interest by both teachers and pupils. Three hundred and sixty-six books were presented this year.

### NIGHT SCHOOLS.

The establishment of Evening Schools by the Public School Board was an experiment, and grave doubts were entertained, even by those who advocated the opening of these schools, as to their success. They had been tried several years ago, and with unsatisfactory results. The work of giving instruction to those unable to attend school during the day had been done by the Mechanics' Institute classes and by other organizations. The classes opened by the Board were very successful, however, and the attendance, interest, conduct, attention, and progress of the majority of the pupils were very satisfactory. The total number admitted was 1,292; 855 males and 437 females.

The average attendance was in January, 723; males, 460; females, 263; in February, 655; males, 428; females, 227; in March, 424; males, 272; females, 153. The average for the whole time was 601, or 46.5 per cent. of the total registered number.

The number not once late was 1,118.

The number not once absent after entering was only 83.

It was found that a good many, especially of the junior pupils, entered the school without having a very strong desire for learning, with a view of causing amusement, and in some cases to annoy the teachers. This is a difficulty uniformly experienced to a greater or less degree in connection with Night Schools, and various plans have been tried to remedy the evil. The best that I have become acquainted with, is that suggested by Superintendent Marble of Worcester, Massachusetts. In order to meet the

difficulty the following circular is issued by him to those who wish to join the evening classes. The circular also serves as a ticket of admission to the schools, and a receipt for the deposit made :

“The Evening Schools have cost the city more than \$2,000 each winter the past few years. They are kept for the benefit of persons over fifteen years old, who have not had a good chance to go to school when young. But a great many boys and girls who do not care to learn have flocked in; they have taken up the time of the scholars who try to learn; and they have dropped out as soon as they found they could not go to school for fun. Others have begun to go to School, and have fallen out as soon as good skating or some other amusement comes along.

In order to protect those who give their time, and really wish to learn, and to save the cost of keeping School without profit to the scholars, the Committee now require a deposit of \$1.00 from each pupil when he receives his ticket of admission. If he is studious and orderly, and is not absent except when he is absolutely obliged to be, the money will be refunded at the end of about one month, or Dec. 24. He can then renew his certificate for another month. The School will, therefore, cost nothing to those pupils who go regularly, and make a business of it. Those who go once in a while for amusement will lose the money deposited, and thus pay the city part of the cost incurred on their account.

On the above terms this admits \_\_\_\_\_, No \_\_\_\_\_ Street to the \_\_\_\_\_ Street Evening School till Dec. 24, 1880, unless he is sooner dismissed for misconduct. He has made the deposit of \$1.00.

WORCESTER, Nov. 1880.

\_\_\_\_\_ Supt. of Schools.

Dec. 24, 1880. This ticket is renewed till \_\_\_\_\_ 188

This ticket is renewed till \_\_\_\_\_ 188 ”

Mr. Marble speaks of the success of the system adopted as follows :

“ On the first evening, the attendance in each of the schools opened was as large as the average last year; the number has steadily increased; and there has not been the least disorder or disturbance. The school has gone on from the first as well as it used to after three or four weeks of irregularity by the old plan. With scarcely an exception the pupils have taken hold with a will, and shown a disposition to improve their opportunities. The plan has eliminated all the idle and indifferent. In very few cases has the deposit been forfeited. It seems from the experience thus far that the difficulty solves itself, and with no hardship to any one.”

It is well known that there are many young men and women in Toronto, who are anxious to make up for lack of school training in early years by attending classes established for their benefit in the evening; and I am confident that the only plan that can be adopted to make these classes a permanent success, is to make regulations which will prevent the admission of any but those who are earnestly desirous of improving themselves. It is not fair to such pupils that most of the teacher's time should be occupied in dealing with those who are careless or unruly; nor is it right that the Board should be put to the expense of lighting and heating extra rooms for the benefit of those who only attend a few evenings. Fewer rooms would need to be opened, if only deserving pupils were admitted.

### TRUANT SCHOOLS.

Children may be divided into three general classes :

1. Those whose parents or guardians send them to School, and who go regularly as sent.
2. Those who are sent to School by their parents or guardians, but who do not go regularly as sent.

3. Those whose parents or guardians do not send them to School or take any interest in their education.

Classes two and three, as a rule, fall into bad habits and are ultimately dealt with by law as criminals.

The Board cannot deal with class three in any way without an Industrial School, which, I regret to say, is not likely to be established in Toronto for some time; therefore, those children belonging to class three may at present be left out of consideration altogether.

With the pupils in class two, the case is quite different. They naturally divide themselves into two sub-divisions: (*a.*) Those who are under the control of their parents, and who only play truant occasionally. (*b.*) Those who are beyond parental control and are confirmed truants. With regard to sub-division (*a.*) no action is necessary by the Board. The present system of direct communication and joint action between the school authorities and the parents or guardians, produces satisfactory results so long as the pupils respect home authority. In the case of sub-division (*b.*), however, I think the time has come when both for their own welfare and that of the other pupils in our Schools prompt action should be taken. So long as the parent or guardian possesses sufficient influence, he is clearly the person who should compel the pupil to go to school. It is equally clear, however, that when this power is wanting the Board should interfere. It may either prohibit the attendance of such pupils and drive them into criminal courses (a plan I am confident that no member of the Board would recommend); or it may take the place of the parent in forcing these confirmed truants to go to School. The latter method is not possible so long as the truants attend twenty-one different Schools, without the aid of a very large staff of absentee

officers. To make it possible I strongly recommend the formation of one central class for confirmed truants alone.

The following are some of the advantages that would result from the establishment of such a class :

1. The Absentee Officer could find out at once every morning if any pupil were absent from the class.
2. The discipline and general management of the class might be adapted to the special necessities of the class of pupils who attend it.
3. The other classes throughout the city would be at once relieved of the evil influence of the confirmed truants.
4. The mere fact of the formation of such a class would deter many pupils from becoming confirmed truants.

### PROGRESS IN STUDIES.

The advancement made by the pupils as a whole has been very satisfactory. Perhaps the most gratifying feature in this connection is the fact that the pupils throughout the city attain more nearly to a uniform standard year by year. This is mainly due to the improved system of classification and promotion adopted a few years ago, but it also results to a large extent from the improved methods adopted by the teachers, and the increasing interest which they manifest in their work. With remarkably few exceptions the teachers devote themselves earnestly and faithfully to their work ; this of course produces a corresponding improvement in the pupils.

It is pleasing to find that the uniformity spoken of applies chiefly to those subjects which will be of most importance to the pupils after they leave school. In regard to this subject the Com-

bined Examiners speak as follows: "The Examiners would congratulate the Board of Trustees and the citizens of Toronto, on the growing efficiency of the Public Schools of the city and the system of instruction conducted in them, as brought out by this examination. It is pleasant to have to state that the standard of excellence is *highest and most nearly equal* in those branches of study which all would deem of greatest importance."

With reference to the individual subjects of study the following remarks may be made:

### READING.

This subject is one in which our teachers manifest a lively interest. It has occupied their attention at every meeting of the Association since its organization, and it is regarded by all as one of the most important subjects taught in the Schools. In the primary classes attention has been mainly given during the year to the introduction of a large amount of phonic drill in the teaching of word recognition. Several of the teachers have succeeded admirably in this work, in fact considering the very large numbers in the junior classes, the progress made in learning to read must be regarded as eminently satisfactory. In the higher classes more attention is being given to securing a thorough understanding of what is read. Vocal drill has also received a fair share of attention during the year, although what has been done in this matter has been accomplished under difficulties. There is urgent need of VOCAL CHARTS in all the advanced classes. The schools have been liberally supplied with maps and globes, and as charts are quite as necessary in vocal culture as maps are in teaching geography it seems reasonable that the charts should be supplied as well as the maps. Good reading is of more practical utility than a knowledge of geography. I would recommend the use of Shoemaker's Chart in our schools,

I am glad to be able to report that the subject of good reading is awakening an interest outside of the schools. Rev. Septimus Jones, a gentleman who has in many ways shown his interest in our schools, has kindly offered a valuable prize for reading, to be competed for annually by the pupils of the higher classes. He properly distinguishes reading from declamation, and gives his prize to encourage the developement of the ability to read the good literature of our own language fluently and intelligently.

The subject of Reading is connected on our programme with English Literature. The latter subject I regret to say, is not taught very systematically. The school regulations of the Department, and our own programme of studies, provides that in the highest divisions of our schools the pupils shall read the literary works selected from time to time for the Intermediate Examination. I think the time has arrived when our pupils are sufficiently advanced in other departments to warrant their making a critical study of a few of the masterpieces of English literature.

The results of such a study in improving the literary taste of the pupils, and familiarizing them with the correct use of their own language, are too evident to need explanation. I would also strongly recommend that every child in our schools be required to commit to memory certain appropriate selections from the best English authors. A limited number of selections might be chosen for each grade, and set down as a part of the work to be prepared by each pupil before promotion. The reading hour on Friday of each week has been set apart for the recitation of pieces suitable for declamation. This exercise produces certain good results, but those who receive most benefit are generally those who need it least. If every pupil is required to prepare a very short selection, each one is able to enter intelligently into the study of the proper method of reciting it. In addition to this,

each pupil will have at the end of his school career, a number of good quotations stored in his memory, which will be of great service to him through life.

### SPELLING.

This subject is taught chiefly as a written exercise. It is one of the most difficult of all subjects in which to secure uniformly good results. I am satisfied that so far as the direct teaching of spelling is concerned, our teachers are pursuing the correct method—by dictation. Each pupil by this method spells every word, and he is compelled to use the words as he uses them in after years, by writing them. No other plan can so impress any form or fact on the memory, as actually making a form or representing an idea by the hand. I am convinced that correct spelling depends very largely upon the training of the eye, and that additional effort put forth in the junior classes to secure a more accurate and critical development of the powers of observation will be amply repaid to both teachers and pupils, by the increased facility in learning to spell afterwards.

### ARITHMETIC.

The constant aim of our teachers is to render the pupils independent of paper or slate and pencil, in calculation. To this end great attention is devoted, in all grades, to securing rapid and accurate working in the simple rules, especially in addition. The ridiculous practices of counting fingers, writing down the number to be carried, &c., have disappeared from our classes. Children are not allowed to add on slates until they are familiar with the combinations mentally. I would recommend that the highest classes use a more advanced arithmetic than the one now used.

## HISTORY AND GEOGRAPHY.

The modern text books on these subjects are greatly in advance of those formerly in use. The results reached in both subjects in our schools are very satisfactory. The interest taken in the highest classes in Canadian Geography and History was clearly shown by the excellent papers sent in by the candidates for the special examinations for Mr. Hallam's medals. The pupil who won the gold medal received within eleven marks of the possible maximum.

## WRITING.

A great improvement in the *general* excellence of the writing done in our schools has been made during the past five years. The pupils begin to write script in the lowest classes. Probably the most difficult thing a teacher has to accomplish, is to make all the pupils in a class hold their pens in the correct position, and sit properly while writing. I am glad to bear testimony to the pains taken by nearly all our teachers to secure the correct position of body, book and pen, in practising this subject. I am confident that it only requires a fair examination of the copy books of any of the classes in our schools, from the lowest to the highest, to convince an unprejudiced mind that this subject is well taught. Among the most striking facts which such an examination reveals are: 1. Uniformity of excellence among the members of the class; 2. Great care in the formation of letters; 3. Freedom from blots or creases in the copy books. The Combined Examiners note very encouraging progress in the writing and style of work done by the pupils at each successive examination.

## DRAWING.

In no subject has the advancement been so marked during the past two years as in Drawing. The amazing progress made is

attributable to the fact that the crippling delusion, that it requires an *artist* to teach Drawing, has been dispelled, and our regular teachers teach this subject as they teach other subjects. Industrial Drawing receives the greatest amount of attention.

### CITY MODEL SCHOOL.

To enable students residing in Toronto to fulfil the Departmental requirements for admission to the Provincial Normal School for second class professional training, without leaving home, and at the same time to furnish elementary training for those who are in the future to be our teachers, the Board decided, in November, to establish a City Model School on the following plan :

1st. The Public Schools throughout the city shall be designated a City Model School, and shall be used as Practice Schools for the Teachers in training, who shall act as assistants in the primary classes under the supervision of the regular Teachers, and also as occasional Teachers in case of temporary vacancies.

2nd. The lessons on School Management, Discipline, Education, Methods of Teaching, and School Law and Regulations shall be taught to the students by the Inspector, those on Mental Arithmetic by the Head Master of Victoria Street School, and those on Elocution by a Teacher specially appointed for that purpose. The lessons to be taught by the Inspector shall be given from 3.30 to 4.30 p. m., twice each week, in York Street School.

3rd. The Head Master of Victoria Street School shall keep the various records required by the Education Department, and perform such other duties pertaining to the position of Head Master of a Model School as are not assigned to the Inspector.

4th. Teachers in training shall pass in order from School to

School, spending a period of two weeks in each of such Schools as may be designated by the Committee on School Management.

5th. The length of a term in the Toronto City Model School shall be one School year, beginning in September and ending in the July following.

6th. On completing a full term in the Toronto City Model School, with the necessary training and practice, and passing a satisfactory examination in the prescribed professional work for Third Class Certificates, the Teachers in training shall be allowed to attend the Provincial Normal School to receive the necessary training for Professional Second Class Certificates, provided they have the requisite non-professional rank.

7th. Those students who hold Intermediate Certificates, and who were residents of the city of Toronto for the six months last past, previous to seeking admission, shall be permitted to attend the City Model School as teachers in training. Other residents may be admitted by the Committee on School Management.

This is one of the most important steps taken by the Board for many years. The young ladies in training will act in the capacity of assistants in the primary classes, and will thus to a certain extent, overcome the pressing difficulty of overcrowding. They will also do most of the necessary occasional teaching, and will thus save the Board a considerable sum each year. In addition to this there can be no doubt but that the ladies so trained will be much better able to perform the special duties of city teachers than those trained at a County Model School.

It may seem at first sight that it is scarcely fair to the candidates themselves to require them to teach a year without any salary. This is not the case, however, as will be seen from the following considerations :

1. It is certainly no hardship to be allowed to receive a training for a profession free of charge. The candidates, in most cases, pay for the non-professional part of their training in the Collegiate Institute, and have to devote their time as well, generally for more than a year. They certainly should be glad of the opportunity of getting their professional training free.

2. The candidates without the City Model School would have to spend at least two months at a County Model School, and then teach a year somewhere in Ontario, before being allowed to attend a Normal School.

3. The advantages offered by the City Model School may justly be regarded as adding an additional year to the free course of the Public School system in Toronto. There can be no doubt that, whether a lady intends to teach or not, the year spent in the Model School will be one of the most valuable years of school life to her in fitting her for the proper fulfilment of her duties in life.

### TEACHERS' ASSOCIATION.

The meetings of the Association were held during the year in accordance with the regulations of the Education Department. Both were largely attended by the teachers of Toronto and Yorkville. In addition to discussing the various professional subjects on the following programmes, several other questions were considered, the most important being the establishment of a professional Library in connection with the Library of Reference belonging to the School Board. The teachers show a commendable anxiety to avail themselves of the privilege of using the books already purchased.

## PROGRAMMES.

## FIRST MEETING, JANUARY, 1880.

## FRIDAY, JANUARY 23.

- 9-9.5. Calling Roll of Teachers.
- 9.5-10.30. "Expressive Reading," Senior Classes—Mr. Richard Lewis.
- 10.45-12. "Marking for Conduct and Work"—Discussion led by Mr. Levi Clark.
- 2.3.15. "How I manage my Class."—Mrs. S. E. Wallace.
- 3.30-5. "The Education of the Citizen."—W. A. Douglas, M. A.

## SATURDAY, JANUARY 24.

- 9-10. Election of Officers.
- 10-11. "The Teaching of History."—Mr. S. McAllister.
- 11.15-12.15. Written Questions answered by the President.

On Friday evening (Jan. 23rd) a Lecture was delivered by Professor Loudon, of Toronto University. Subject—"The Tuning Fork."

## SECOND MEETING.

## FRIDAY, SEPTEMBER 17.

- 9-9.5. Calling Roll of Teachers.
- 9.5-10.15. "School Hygiene."—Dr. Playter.
- 10.15-10.45. Vocal Drill.—Mr. R. Lewis and Miss Lewis.
- 11-12. "Per Cent."—Mr. G. K. Powell.
- 2-3. "The Teacher's Temptations."—Miss Alice Freeman.
- 3.15-5. General Discussion on Regulations and Programme.

## SATURDAY, SEPTEMBER 18.

- 9-10.30. "How to Teach Euclid."—Mr. F. F. Manly, M. A.  
 10.45-12. "School Hours."—Mr. F. S. Spence.  
 2-3.15 "Class Movements in the School and in the Yard."  
 —Mr. R. W. Doan.  
 3.15-4. General Business.

Rev. Professor Calderwood, of Edinburgh University, lectured before the Association on Friday evening.

R. McCAUSLAND,

JAMES L. HUGHES,

*Secretary.*

*President.*

## EXAMINATIONS.

Three *written* Examinations were held during the year; the Combined Examination and two Promotion Examinations. The Examiners for the Combined Examination were Rev. I. Tovell, A. McMurchy, Esq., M. A.; Rev. John M. King, M. A., and William Anderson, Esq. The list of Scholarships and Prizes awarded will be found in the Report of the Examiners. The comparative standing of the different schools in the various departments of study, will be found below by comparing the marks obtained at the Combined Examination.

## COMBINED EXAMINATION.

I have deemed it advisable to make the following explanation in reference to the mode of conducting the Combined Examination. Examiners are appointed who prepare their papers independently, and send them to the School Board Printer themselves. The proofs are sent to them, and the papers also *under seal*. They retain them until the day of Examination, when they are opened by them in the presence of the candidates,

No school officer or teacher has anything to do with the papers until they are submitted to the candidates.

This is the only *competitive* examination held by the Board.

The following tables give the standing of the various divisions at the Combined Examinations.

## FIRST DIVISION.

*Twelve Pupils from each Division.*

SCHOOLS AND DIVISIONS.	Mathematics.	Grammar, Composition, and Hygiene.	History and Geography.	Reading, Spelling, and Derivation.	Writing, Drawing, Music, & Book-keeping.	TOTAL.
Marks possible .....	4140	2160	2400	1920	2040	12660
Wellesley, Girls .....	2331	1811	1842	1774	1630	9388
Ryerson, Boys .....	2135	1789	1821	1598	1494	8855
Wellesley, " .....	2302	1476	1678	1471	1535	8362
Dufferin, Girls .....	1473	1587	1598	1652	1449	7759
Ryerson, " .....	1423	1430	1540	1638	1365	7403
Dufferin, Boys .....	1555	1412	1477	1351	1334	7029

## SECOND DIVISION.

*Ten Pupils from each Division.*

SCHOOLS AND DIVISIONS.	Mathematics.	Grammar, Composition, and Hygiene.	History and Geography.	Reading, Spelling, and Derivation.	Writing, Drawing, Music, & Book-keeping.	TOTAL.
Marks possible .....	3200	1800	2000	1600	1700	10300
Wellesley, Girls .....	1355	1205	1017	1177	907	5702
Dufferin " .....	1294	897	1198	1191	1024	5634
Ryerson, Boys .....	1320	989	1212	1093	849	5463
" Girls .....	1484	838	1049	1181	762	5313
Dufferin, Boys .....	1287	820	1151	967	755	4980
Wellesley " .....	1174	750	795	1150	804	4693

## THIRD DIVISION.

*Ten Pupils from each Division.*

SCHOOLS AND DIVISIONS.	Arithmetic, Mensuration & Algebra.	Grammar, Composition, and Hygiene.	History and Geography.	Reading, Spelling, and Derivation.	Writing, Drawing, Music, & Book-keeping.	TOTAL.
Marks possible .....	2000	1550	2000	1600	1450	8600
Dufferin, Boys .....	1246	1174	1176	1252	1119	5947
"    Girls .....	1170	1194	1218	1331	962	5775
Ryerson, Boys .....	1045	1217	1267	1191	897	5637
John St., Girls .....	916	1185	993	1170	937	5206
Ryerson, " .....	857	961	857	1243	822	4740

## FOURTH DIVISION.

*Five Pupils from each Division.*

SCHOOLS AND DIVISIONS.	Arithmetic.	Grammar, Composition, and Hygiene.	History and Geography.	Reading, Spelling, and Derivation.	Writing, Drawing, and Music.	TOTAL.
Marks possible .....	750	775	1000	800	600	3925
Wellesley, Girls .....	481	643	654	572	434	2784
Dufferin, Boys .....	473	583	470	599	409	2560
Ryerson, " .....	430	451	662	516	412	2471
Wellesley, " .....	413	552	553	555	396	2469
Ryerson, " .....	436	506	438	590	496	2466
Pbœbe St. " .....	423	538	381	551	441	2334
Victoria St. " .....	294	500	533	583	355	2265
Winchester St. .....	388	492	411	579	382	2242
Victoria St., Girls .....	311	451	380	579	395	2116
Dufferin " .....	365	478	311	467	432	2053
John St., Boys .....	199	454	313	597	424	1987
Niagara St., .....	308	358	401	463	383	1913
Park, .....	317	339	377	523	309	1865

## GOVERNMENT GRANT.

The amount received during the year from the Government Grant was \$8,756. The whole amount set apart for Toronto was \$10,555. The Separate Schools received \$1,799. The sum of \$10,555 is apportioned to Toronto, on the basis of its population, when compared with the other municipalities of the province at the time of our last census. This sum is then divided between the Public and Separate Schools, according to their average attendance. The amount received per pupil was over one dollar. This sum changes every year, and becomes less (per pupil) as the average attendance increases.

## PROGRESS OF THE PUBLIC SCHOOLS.

Table H gives a comparative statement of various items relating to the Schools since 1844. It will be seen by reference to it, that the increase in the attendance at our Schools has been very rapid.

In 1869 the Average Registered No. was	2,846,	the Daily Attendance,	2,260
“ 1870	“	“	4,106,
“ 1880	“	“	8,987,
			“
			“
			3,288
			8,215

The Registered and Average Attendance have thus been more than doubled during the past ten years.

Respectfully submitted,

JAMES HUGHES,

*Public School Inspector.*

Toronto, February 10, 1881.



# Statistical & Reference Tables.



TABLE A.

Showing the Registered Number of Pupils in each School for each Month.

SCHOOLS.	JAN.	FEB.	MAR.	APRIL	MAY.	JUNE.	JULY.	SEPT.	OCT.	NOV.	DEC.	TOTAL	Average Reg'd Nos.
Dufferin .....	594	578	563	539	496	467	421	563	550	550	527	5948	531
Wellesley .....	867	829	833	839	801	766	679	852	847	839	815	8970	815
Ryerson .....	622	612	592	566	539	496	420	618	610	596	560	6232	566
Phcebe Street.....	855	842	853	844	810	788	715	828	829	820	858	9042	822
John .....	585	573	566	582	599	576	506	624	625	623	596	6455	586
Park .....	468	472	466	456	462	457	395	455	467	458	433	4989	453
Winchester .....	589	587	594	621	615	579	522	594	587	582	557	6427	584
Victoria .....	547	499	504	522	537	522	436	531	525	518	490	5631	511
Niagara .....	528	530	544	543	548	506	451	548	539	526	487	5750	522
Louisa .....	477	482	487	488	483	445	369	510	511	504	480	5236	476
Parliament .....	383	372	368	392	376	355	325	356	378	380	337	4032	366
Church .....	389	368	375	397	398	392	339	380	438	451	427	4412	401
George .....	379	384	374	388	378	370	320	380	383	371	356	4083	371
Bathurst .....	454	424	462	483	474	455	409	472	455	460	437	4985	453
Palace .....	172	158	160	163	176	169	150	179	194	183	175	1879	170
Elizabeth .....	269	244	262	285	280	265	229	282	278	276	263	2933	266
York .....	198	189	187	199	183	181	149	159	181	191	174	1991	181
Givins .....	291	264	280	294	300	298	283	293	276	281	275	3135	283
Borden .....	171	170	174	188	188	182	168	172	169	166	158	1906	173
Leslieville .....	90	87	88	93	76	66	65	75	77	77	78	872	79
Markham .....	105	103	109	116	119	128	129	163	160	151	139	1422	129
Boys' Home .....	80	82	77	75	65	70	67	73	78	106	103	876	79
Girls' Home .....	69	78	74	74	74	69	68	67	72	59	50	754	68
Orphans' Home.....	85	87	89	85	83	83	83	93	104	100	97	989	89
Total.....	9267	9014	9081	9232	9060	8686	7698	9335	9333	9268	8875	96849	8987

TABLE B.

Showing the Average Attendance at each School for each Month.

SCHOOLS.	JAN.	FEB.	MAR.	APRIL	MAY.	JUNE.	JULY.	SEPT.	OCT.	NOV.	DEC.
Dufferin.....	524	524	506	484	442	426	376	509	503	507	510
Wellesley.....	791	719	752	768	742	707	628	803	803	791	774
Ryerson.....	565	538	535	506	479	434	355	561	561	541	512
Phoebe Street.....	775	749	758	746	730	716	644	752	770	755	795
John.....	519	521	514	529	548	526	457	557	589	575	561
Park.....	420	431	428	416	414	399	335	411	421	410	394
Winchester.....	538	512	541	546	552	530	474	557	542	532	511
Victoria.....	470	416	440	456	474	463	377	468	467	468	436
Niagara.....	440	450	464	484	490	467	405	480	488	477	450
Louisa.....	413	421	428	411	412	388	305	431	448	477	422
Parliament.....	354	337	333	333	339	315	288	325	349	352	335
Church.....	351	329	341	360	366	356	276	337	408	415	398
G-orge.....	351	348	348	351	346	339	279	334	344	337	340
Bathurst.....	403	369	424	440	437	425	343	446	431	430	417
Palace.....	151	143	142	134	152	150	137	160	178	168	163
Elizabeth.....	233	192	221	251	246	231	203	253	245	247	245
York.....	165	163	173	175	163	161	132	132	160	168	163
Givens.....	256	217	243	265	298	272	242	270	254	262	260
Borden.....	154	137	155	168	169	171	155	160	160	156	152
Leahville.....	81	74	77	76	68	57	63	63	67	67	69
Markham.....	86	89	105	108	114	120	117	149	151	140	131
Boys' Home.....	74	77	73	67	64	66	67	70	74	96	101
Girls' Home.....	65	76	70	69	65	64	64	60	66	55	50
Orphans'.....	85	87	89	73	81	81	81	92	100	99	97
Total.....	8264	7919	8159	8215	8161	7864	6806	8450	8579	8491	8282

TABLE C.

Showing the number of days lost through absence during the year.

SCHOOLS.	AV'ge Reg'd Nos.	JAN.	FEB.	MAR.	APRIL	MAY.	JUNE.	JULY.	SEPT.	OCT.	NOV.	DEC.	TOTAL.
		Dufferin	531	880	1062	1101	1122	991	870	228	847	867	987
Wellesley	815	1218	1845	1562	1527	1268	1279	279	831	859	1100	838	12606
Ryerson	566	1023	1378	1206	1294	1134	1151	303	984	918	1118	919	11428
Phoebe	822	1133	1954	1728	2170	1714	1804	324	1257	1375	1369	940	15768
John	586	922	1104	1139	1120	1186	1318	205	988	935	1114	704	10735
Park	453	639	839	914	1055	1078	2421	105	721	911	1128	850	9661
Winchester	584	711	1307	1132	1410	1290	1295	285	770	979	1081	936	11196
Victoria	511	1216	1683	1136	1254	1153	1465	297	989	1062	1005	859	12119
Niagara	522	1012	1359	1132	1201	1664	1034	229	836	1023	948	595	10433
Louisa	476	820	1027	1121	1575	1238	1316	253	1009	1056	1146	907	11468
Parliament	366	531	670	702	1191	731	857	209	477	612	713	531	7224
Church	401	581	653	632	709	639	812	83	522	573	674	429	6307
George	371	480	769	658	751	666	841	199	766	773	772	332	7007
Bathurst	453	850	907	813	1031	816	818	238	504	665	680	430	7752
Palace	170	352	310	343	659	524	427	65	283	283	339	217	3802
Elizabeth	266	559	1051	717	842	736	955	159	432	663	525	336	7005
York	181	560	447	383	553	474	688	112	594	450	418	299	4978
Givins	283	473	931	531	603	638	705	195	451	475	459	200	5661
Borden	173	180	319	254	221	232	297	76	156	172	253	107	2267
Leslieville	79	109	220	202	145	164	184	30	137	182	131	68	1572
Markham	129	233	171	145	226	184	211	57	179	27	234	191	1918
Boys' Home	79	92	117	103	128	81	93	4	58	55	99	64	894
Girls' Home	68	158	121	108	173	168	65	18	188	54	38	7	1098
Orphans' Home	89	13	8	19	563	27	42	10	15	8	10	6	421
Total	8987	14835	20252	17781	21223	18196	19928	3963	13994	14997	16341	11291	172801

TABLE D.

Showing the number of cases of lateness during the year.

SCHOOLS.	Average Registered Numbers.	JAN.	FEB.	MAR.	APRIL	MAY.	JUNE.	JULY.	SEPT.	OCT.	NOV.	DEC.	TOTAL.
Dufferin.....	531	11	14	19	5	7	4	0	6	9	11	16	102
Wellesley.....	815	5	3	3	6	3	3	1	3	9	11	5	52
Kyerson.....	566	52	32	60	30	19	36	18	23	26	20	31	358
Phoebe.....	822	16	25	15	9	17	8	0	18	19	23	81	231
Street.....	586	11	20	24	9	11	6	0	12	11	20	13	137
John.....	453	25	31	25	41	22	27	3	15	52	64	32	337
Park.....	584	30	35	34	29	27	37	7	39	26	22	9	295
Winchester.....	511	24	32	30	23	28	38	4	50	57	57	18	361
Victoria.....	522	104	98	52	58	48	64	1	89	49	70	42	675
Niagara.....	476	65	110	75	104	110	55	24	70	92	200	95	900
Louisa.....	366	15	12	8	3	8	5	0	16	7	21	5	100
Parliament.....	401	18	14	16	8	13	14	3	22	15	26	28	177
George.....	371	17	12	8	17	31	63	2	41	36	48	27	302
Bathurst.....	453	34	28	32	33	25	24	3	9	11	17	26	242
Palace.....	170	17	13	10	7	6	12	0	7	7	9	11	99
Elizabeth.....	266	87	77	54	52	48	14	1	64	30	74	23	524
York.....	181	72	64	43	55	42	32	2	26	21	51	35	443
Borden.....	283	18	16	32	25	16	11	0	23	20	32	13	207
Givens.....	173	14	35	20	28	23	9	0	31	22	27	16	225
Leslieville.....	79	5	1	0	4	5	2	0	4	4	5	2	23
Markham.....	129	5	9	8	4	7	8	1	9	11	16	2	80
Foys Home.....	79	0	0	5	9	0	4	0	1	6	2	4	31
Girls' Home.....	68	0	0	0	7	0	0	0	0	0	0	0	7
Orphans' Home.....	89	0	0	0	0	0	0	0	0	0	0	0	0
Total.....	8987	645	681	573	564	516	476	70	578	540	826	485	5987

**TABLE E.**  
*Showing the Average Number of Pupils to each Teacher during the Year.*

SCHOOLS.	Average Registered Attendance.	Number of Teachers.	Average per Teacher.
Dufferin .....	531	12	45
Wellesley .....	815	12	68
Ryerson .....	566	12	56
Phoebe Street.....	822	13	63
John .....	586	10	59
Park .....	453	8	57
Winchester .....	584	8	73
Victoria .....	511	8	64
Niagara .....	522	8	65
Louisa .....	476	9	53
Parliament .....	366	6	61
Church .....	401	6	67
George .....	371	6	62
Bathurst .....	453	6	72
Palace .....	170	4	43
Elizabeth .....	266	5	53
York .....	181	4	45
Givins .....	283	4	71
Borden .....	173	2	87
Leslieville .....	79	2	40
Markham .....	129	2	65
Boys' Home .....	79	1	79
Girls' Home .....	68	1	68
Orphans' Home .....	89	1	89
Total .....	8987	150	60

**TABLE F.**  
*Showing the length of Time the Pupils attended during the year.*

Less than 20 days.	Between 20 and 50 Days.	Between 50 and 100 Days.	Between 100 and 500 Days.	Between 150 and 200 Days.	More than 200 Days.
23	55	148	124	245	196
22	48	203	166	405	234
34	49	135	168	294	202
96	68	223	138	338	250
31	85	159	121	237	169
39	80	105	117	205	105
12	50	118	104	274	155
33	68	126	133	248	101
26	73	137	124	217	138
53	81	163	123	198	102
30	61	98	84	164	88
21	44	114	93	153	110
22	51	106	72	146	90
19	51	108	117	223	91
18	32	58	36	69	30
19	44	87	69	110	27
25	41	81	35	58	26
20	39	84	54	127	64
5	17	57	53	61	33
8	6	24	29	29	13
6	22	48	38	65	16
11	14	30	22	15	42
3	21	17	18	26	11
1	3	32	13	28	45
577	1103	2461	2051	3935	2338

TABLE G.

Showing the numbers engaged in each Department of Study during the year.

SCHOOLS.	DEPARTMENTS OF STUDY																							
	First Reader.	Second Reader.	Third Reader.	Fourth Reader.	Fifth Reader.	Spelling.	Writing.	Arithmetic.	Geography.	Drawing.	Music.	Object Lessons.	Grammar and Composition.	Canadian History.	English History.	General History.	Hygiene.	Algebra.	Geometry and Mensuration.	Natural Philosophy.	Book-keeping.	Domestic Economy.	Drill and Calisthenics.	
Dufferin.....	175	156	225	316	250	791	791	191	791	791	791	177	791	248	270	286	791	419	419	250	419	419	431	791
Wellesley.....	175	156	226	223	298	1078	1078	1078	1078	1078	1078	1078	577	903	304	314	177	747	338	338	338	338	724	1078
Ryerson.....	470	338	228	279	279	1113	801	810	882	882	882	310	882	882	299	295	277	882	425	425	279	425	467	415
Phoebe Street.....	329	141	238	91	77	802	802	704	802	802	4113	1036	551	75	77	265	265	332	53	94	.....	.....	201	1115
John Park.....	279	151	152	69	69	651	651	651	651	651	651	651	372	114	69	281	281	332	53	94	.....	.....	304	402
Winnchester.....	321	181	139	72	713	713	713	713	713	713	713	414	475	39	72	211	211	332	53	94	.....	.....	326	66
Victoria.....	233	159	153	164	164	709	709	709	709	709	709	709	395	390	67	164	317	317	317	317	317	317	317	97
Niagara.....	335	181	135	64	64	466	466	575	575	575	575	400	464	109	64	212	212	212	212	212	212	212	212	109
Louisa.....	233	209	218	.....	.....	720	720	720	720	720	720	720	514	55	218	218	218	218	218	218	218	218	218	109
Parliament.....	272	156	88	.....	.....	525	525	525	525	525	525	525	247	.....	.....	.....	85	85	85	85	85	85	85	85
Church.....	240	175	88	.....	.....	535	535	535	535	535	535	535	334	.....	.....	.....	135	135	135	135	135	135	135	85
George.....	212	150	125	.....	.....	487	487	487	487	487	487	487	350	64	.....	.....	85	85	85	85	85	85	85	85
Bathurst.....	334	190	85	.....	.....	609	609	609	609	609	609	609	367	265	.....	.....	85	85	85	85	85	85	85	85
Palace.....	140	73	30	.....	.....	162	243	243	243	243	243	243	243	103	.....	.....	80	80	80	80	80	80	80	80
Elizabeth.....	254	102	.....	.....	.....	164	164	164	164	164	164	356	356	51	.....	.....	.....	.....	.....	.....	.....	.....	.....	243
York.....	157	109	95	.....	.....	266	266	266	266	266	266	266	266	261	.....	.....	.....	.....	.....	.....	.....	.....	.....	170
Givins.....	156	137	95	.....	.....	388	388	388	388	388	388	388	388	141	48	.....	.....	.....	.....	.....	.....	.....	.....	.....
Borden.....	132	91	.....	.....	.....	94	94	226	226	226	226	226	226	91	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Leslieville.....	56	56	35	.....	.....	56	56	35	35	35	35	20	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Markham.....	142	53	.....	.....	.....	195	195	195	195	195	195	195	195	53	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Boys' Home.....	119	11	4	.....	.....	134	134	134	134	134	134	134	134	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Girls' Home.....	48	30	18	.....	.....	96	96	96	96	96	96	96	96	48	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Orphans' Home.....	67	46	9	.....	.....	122	122	122	122	122	122	122	122	55	9	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	4811	2845	2598	1372	827	11520	10833	11871	10920	12356	12356	8997	7633	1574	1449	710	7633	1235	1276	885	1229	1186	6985	.....

TABLE H.

*Comparative Statement of the City Schools, under specific headings,  
from 1844 to 1879, both inclusive.*

Year.	City Population.	Average Registered Attendance.	Average Daily Attendance.	No. of Teachers.	Average No. of Pupils to each Teacher.	Total Cost of Maintaining the Schools.	Cost per child per ann. on basis of Registered Attendance.	Cost per Child per ann. on basis of Daily Attendance.
1844	18500	....	1194	12	100	4½ months \$5508	.....	\$5 00
1845	19706	....	1108	12	92	12 " 7684	.....	7 00
1846	20565	....	1212	15	81	12 " 8044	.....	6 60
1847	21734	....	1265	13	97	12 " 7484	.....	6 00
1848	23503	....	1431	13	110	6 " 3668	.....	5 20
1849	24226	....	1325	13	102	6 " 3668	.....	5 08
1850	25766	....	1259	15	91	12 " 7992	.....	6 30
1851	30762	1843	1266	16	85	12 " 9624	\$5 80	7 20
1852	35000	1872	1346	16	84	12 " 10232	5 40	7 40
1853	40000	1886	1402	20	70	12 " 12860	7 00	9 00
1854	41500	1971	1459	21	69	12 " 16704	8 50	11 40
1855	42500	2066	1570	31	50	12 " 20872	10 00	13 00
1856	43250	2318	1747	32	55	12 " 22568	10 00	12 80
1857	45000	2480	1863	36	52	12 " 24216	10 00	13 00
1858	47500	2522	1987	36	55	12 " 26386	9 69	12 80
1859	45000	2742	2150	38	56	12 " 25212	9 20	11 73
1860	45000	2846	2260	38	59	12 " 26044	9 15	11 52
1861	44743	2800	2180	38	57	12 " 25640	9 16	11 75
1862	45000	2825	2183	38	57	12 " 25054	8 94	11 48
1863	47500	3000	2187	38	60	12 " 25636	8 54	11 21
1864	47500	3121	2400	39	61	12 " 26184	8 39	10 91
1865	47500	3248	2251	40	56	12 " 26448	8 11	11 75
1866	47500	3139	2399	41	58	12 " 27548	8 52	11 17
1867	47000	3364	2609	41	64	12 " 26900	7 90	10 31
1868	50000	3657	2810	45	62	12 " 29044	7 94	10 33
1869	55000	3906	3132	46	68	12 " 30460	7 80	9 73
1870	56000	4106	3288	50	64	12 " 33348	8 02	10 02
1871	57500	4646	3638	52	70	12 " 35000	7 53	9 62
1872	58000	5100	4670	61	67	12 " 42500	8 33	10 44
1873	60000	5536	4453	65	69	12 " 55500	10 02	12 46
1874	62000	5924	4814	75	85	12 " 52000	6 31	10 80
1875	64000	6447	5386	90	72	12 " 58772	6 08	10 91
1876	65000	6912	5976	94	73	12 " 60456	6 17	10 13
1877	67000	7606	6860	128	59	12 " 76006	6 90	11 07
1878	68000	7276	7467	140	59	12 " 83792	7 29	11 22
1879	70000	8910	8144	148	60	12 " 89713	7 44	11 02
1880	73000	8987	8215	150	60	12 " 92842	7 45	11 30

TABLE I.

*List of Teachers, arranged with a view to secure Equitable Promotion, and showing the Division taught by each Teacher; their Certificates; Places of Training; and the date at which they entered the service of the Board.*

NAMES.	CERTIFICATES.	WHERE TRAINED.	ENTERED SERVICE OF BOARD.
<b>PRINCIPALS.</b>			
Anderson, James	Provincial 2nd B.	Edinburgh, Scotland.	1858
Campbell, John	County Bd. 1st A.	Prov. Normal School.	1868
Cassidy, Wm	Provincial 1st A.	Prov. Normal School.	1879
Churchill, Miss C. M	Provincial 1st B.	Prov. Normal School.	1858
Clark, Levi	Provincial 1st C.	.....	1874
Coyne, Samuel	County Bd. 1st A.	Dublin.	1872
Crane, George	Provincial 2nd B.	Prov. Normal School.	1877
Doan, Robert W	Provincial 1st B.	Prov. Normal School.	1872
Gill, Martin	County Bd. 1st A.	Dublin Ch. Ed. Society.	1859
Hendry, Andrew	Provincial 1st C.	Prov. Normal School.	1874
Lewis, Richard	County Bd. 1st A.	Liverpool, England.	1867
Martin, R. T	Provincial 2nd B.	Prov. Normal School.	1877
McAllister, Samuel	Provincial 1st A.	.....	1859
McCausland, Robert	County Bd. 1st A.	Prov. Normal School	1864
McDonald, Adam F	County Bd. 1st A.	.....	1871
Morrison, Adam	Provincial 2nd B.	Prov. Normal School.	1876
Phillips, John	County Bd. 1st C.	.....	1868
Pyne, Albert R.	Provincial 1st C.	Prov. Normal School.	1875
Spence, Francis S	Provincial 1st B.	Prov. Normal School.	1874
Spotton, Wm	County Bd. 1st C.	.....	1877
<b>ASSISTANT MASTERS.</b>			
Browne, Henry	County Bd. 1st A.	.....	1874
Meldrum, Peter G	Provincial 1st B.	Prov. Normal School.	1874
Powell, George K	Provincial 1st A.	Prov. Normal School.	1877

TABLE I. (Continued.)  
FEMALE ASSISTANT TEACHERS.

NAMES.	DIVISION.	CERTIFICATES.	WHERE TRAINED.	ENTERED SERVICE OF BOARD. (Last time.)
Miss Margaret Buik .....	Senior 5th Bk.	Provincial 1st A.	Prov. Normal School.	May, 1865
" Olivia Dunn .....	" "	Provincial 1st A.	" "	January, 1864
" M. J. Keown .....	" "	County Bd. 1st A.	" "	April, 1852
" Susan Hamilton .....	Junior 5th Bk.	County Bd. 1st C.	" "	April, 1858
" Charlotte Spotton .....	" "	Provincial 1st B.	" "	April, 1866
" Mary A. Worth .....	" "	Provincial 1st A.	" "	September, 1870
" S. J. Hamilton .....	Senior 4th Bk.	Provincial 1st C.	" "	November, 1875
" Agnes Kellock .....	" "	Provincial 1st C.	" "	April, 1872
" Elizabeth Kennedy .....	" "	Provincial 2nd.	" "	November, 1855
" Sarah McCreight .....	" "	Provincial 1st A.	" "	April, 1872
" Jessie Rogers .....	" "	Provincial 1st B.	" "	October, 1865
" Rebecca Thompson .....	" "	Provincial 2nd A.	" "	October, 1859
" E. A. Williams .....	" "	Provincial 1st B.	" "	January, 1865

TABLE I. (Continued).  
FEMALE ASSISTANT TEACHERS.

NAMES.	DIVISION.	CERTIFICATES.	WHERE TRAINED.	ENTERED SERVICE OF BOARD. (Last time.)
Miss Margaret Coyne .....	Junior 4th Bk.	Provincial 1st C.	Prov. Normal School.	February, 1871
" J. A. Cruice .....	" "	Provincial 1st C.	" "	September, 1870
" S. M. Hamilton .....	" "	Provincial 1st C.	" "	January, 1868
" Georgina Round .....	" "	County Bd. 1st A.	London Training School.	1856
Mrs. Kate Stevenson .....	" "	Provincial 1st C.	Prov. Normal School.	September, 1869
Miss Annie L. Armstrong .....	Senior 3rd Bk.	Provincial 2nd A.	" "	July, 1861
" Annie I. Cameron .....	" "	Provincial 1st A.	" "	August, 1875
" Jessie Campbell .....	" "	County Bd. 1st C.	" "	October, 1870
Mrs. Annie Carey .....	" "	Provincial 2nd A.	" "	September, 1870
Miss Helen Frazer .....	" "	County Bd. 1st B.	" "	January, 1872
" Carrie Gray .....	" "	Provincial 1st A.	.....	January, 1873
Mrs. E. A. Greene .....	" "	Provincial 1st C.	" "	March, 1874
Miss Phebe Johnston .....	" "	Provincial 1st B.	" "	December, 1872
" Emma Kennedy .....	" "	Provincial 1st C.	" "	April, 1872
" Kate A. Scarlett .....	" "	Provincial 2nd B.	" "	June, 1863
" Jane Smyth .....	" "	County Bd. 1st A.	" "	March, 1874
" Georgina Stokes .....	" "	Provincial 1st C.	" "	January, 1871
" Maria Woods .....	" "	Provincial 1st C.	" "	January, 1873

Mrs. J. S. Arthurs.....	Junior 3rd Bk.	Provincial 1st A.	Prov. Normal School.	February, 1876
Miss Annie Chambers .....	"	Provincial 2nd B.	"	May, 1872
Mrs. M. A. Fitzgerald.....	"	Provincial 2nd A.	"	August, 1873
Miss Maggie Fraser.....	"	Provincial 1st C.	"	September, 1874
" Ada Frisby.....	"	Provincial 2nd A.	"	March, 1874
" Mary Gunn.....	"	Provincial 1st B.	"	September, 1874
" Hessie How.....	"	Provincial 2nd B.	"	February, 1875
" Margaret Hunter.....	"	Provincial 2nd B.	"	April, 1873
Mrs. Lilly Hunter.....	"	Provincial 1st B.	"	March, 1872
" Emma Lilly.....	"	Provincial 2nd.	"	September, 1875
" Mrs. McBrien.....	"	Provincial 2nd B.	"	September, 1874
" M. A. McDonald.....	"	County Bd. 1st C.	"	August, 1875
Miss Susan McKenzie.....	"	Provincial 2nd A.	"	April, 1872
" Isabella Mearns.....	"	Provincial 1st B.	"	April, 1875
" Margaret Newton.....	"	Provincial 1st C.	"	January, 1875
Mrs. Georgina Riches.....	"	Provincial 2nd B.	"	September, 1875
" Kate Rowland.....	"	Provincial 2nd A.	"	September, 1870
Miss Amelia Sims.....	"	Provincial 2nd A.	"	February, 1873
" Harriet Somerville.....	"	Provincial 2nd B.	"	September, 1874
<hr/>				
Mrs. J. N. Agnew.....	Senior 2nd Bk.	Provincial 1st.	Prov. Normal School.	October, 1875
Miss Kate M. Allen.....	"	Provincial 2nd A.	"	October, 1876
Mrs. J. S. Balmer.....	"	Provincial 1st.	"	April, 1876
" Catherine Breckon.....	"	Provincial 1st B.	"	January, 1877
Miss Thomasina Carlyle.....	"	Provincial 2nd B.	"	August, 1875
" E. J. Church.....	"	Provincial 2nd B.	"	August, 1875
" Alice Freeman.....	"	Provincial 2nd B.	"	October, 1875
" Annie A. Gray.....	"	Provincial 2nd A.	"	January, 1877
" Jennie Gunn.....	"	Provincial 1st.	"	October, 1876
" Charlotte Jackson.....	"	Provincial 2nd B.	"	October, 1876
" Louise Lumsden.....	"	Provincial 2nd B.	"	August, 1875
" Martha Sefton.....	"	Provincial 2nd B.	"	January, 1875

TABLE I. (Continued.)

FEMALE ASSISTANT TEACHERS.

NAMES.	DIVISION.	CERTIFICATES.	WHERE TRAINED.	ENTERED SERVICE OF BOARD. (Last time.)
Miss Minnie Smith .....	Senior 2nd Bk.	Provincial 2nd A.	Prov. Normal School	September, 1875
" Carrie J. Watson .....	" "	Provincial 2nd B.	" "	October, 1875
" Mary A. Westman .....	" "	Provincial 2nd A.	" "	August, 1875
Mrs. A. T. Armour .....	Junior 2nd Bk.	Provincial 2nd B.	" "	January, 1877
Miss L. Cornor .....	" "	Provincial 1st A.	" "	January, 1878
" L. Gellatly .....	" "	Provincial 2nd B.	" "	January, 1877
" Georgina Grant .....	" "	Provincial 2nd B.	" "	January, 1877
" E. R. Gray .....	" "	Provincial 2nd B.	" "	January, 1877
" L. Kessick .....	" "	Provincial 2nd B.	" "	January, 1877
Mrs. McCuaig .....	" "	Provincial 2nd A.	" "	January, 1877
Miss L. Payne .....	" "	Provincial 2nd B.	" "	January, 1877
" E. Y. Sams .....	" "	Provincial 2nd B.	" "	January, 1877
" A. M. Sefton .....	" "	Provincial 2nd B.	" "	January, 1877
" M. E. Spence .....	" "	Provincial 2nd B.	" "	January, 1877
Mrs. Steward .....	" "	Provincial 2nd A.	" "	September, 1877
Miss L. S. Taylor .....	" "	Provincial 2nd A.	" "	February, 1877
" Emily C. Thompson .....	" "	Provincial 2nd B.	" "	January, 1877
Mrs. S. E. Wallace .....	" "	Provincial 1st C.	" "	January, 1877
Miss M. L. Williams .....	" "	Provincial 2nd B.	" "	May, 1877
				January, 1877

Miss Bella Brown	Senior 1st Bk.	Provincial 2nd B.	Prov. Normal School.	April, 1878
" Eliza M. Chadwick	"	Provincial 2nd B.	"	January, 1877
" F. A. Cheney	"	Provincial 1st C.	"	September, 1878
" Elizabeth Foulds	"	Provincial 2nd B.	"	January, 1877
" Annie S. Gray	"	Provincial 2nd A.	"	February, 1878
" Sarah Hagarty	"	Provincial 2nd B.	"	January, 1877
" F. Martin	"	Provincial 2nd B.	"	September, 1877
" M. J. McCally	"	Provincial 1st C.	"	September, 1878
" Agnes McIntyre	"	Provincial 2nd B.	"	September, 1877
" M. Milne	"	Provincial 2nd A.	"	October, 1877
" M. Mullen	"	Provincial 2nd A.	"	September, 1878
" B. Sims	"	Provincial 1st C.	Bristol, Eng.	April, 1878
" F. Sims	"	Provincial 2nd B.	Prov. Normal School.	November, 1877
" Lois Slater	"	County Bd. 1st C.	"	February, 1877
" May F. Spence	"	Provincial 2nd A.	"	October, 1877
" E. C. Sturrock	"	Provincial 2nd A.	"	October, 1877
" Florence Thompson	"	Provincial 2nd B.	"	January, 1877

Miss J. Anderson	Junior 1st Bk.	Provincial 2nd A.	Prov. Normal School.	January, 1879
" L. Anderson	"	Provincial 2nd B.	"	April, 1879
Mrs. J. E. Bell	"	Provincial 2nd B.	"	September, 1878
Miss A. Black	"	Provincial 1st C.	"	April, 1879
" P. Black	"	Provincial 2nd B.	"	October, 1879
" E. Bolton	"	Provincial 2nd B.	"	September, 1879
" J. F. Brown	"	Provincial 2nd B.	"	September, 1879
" I. Campbell	"	Provincial 2nd B.	"	September, 1878
" J. Carylyle	"	Provincial 2nd B.	"	September, 1878
" Carrie Cathcart	"	Provincial 2nd B.	"	September, 1880
" H. Clarkson	"	County Bd. 1st B.	"	December, 1880
Mrs. L. Coad	"	Provincial 2nd B.	"	September, 1879
Miss L. Dickinson	"	Provincial 2nd B.	"	September, 1880

TABLE I. (Continued.)

FEMALE ASSISTANT TEACHERS.

NAMES.	DIVISION.	CERTIFICATES.	WHERE TRAINED.	ENTERED SERVICE OF BOARD. (Last time.)
Mrs. Greer .....	Junior 1st Bk.	Provincial 1st B.	Prov. Normal School.	December, 1879
Miss E. Langton .....	" "	Provincial 2nd B.	" "	July, 1879
" M. N. Logan .....	" "	Provincial 2nd B.	" "	September, 1879
Mrs. S. L. Lowry .....	" "	Provincial 1st A.	" "	October, 1880
Miss Jessie Mark .....	" "	Provincial 2nd B.	" "	September, 1879
" A. S. Martin .....	" "	Provincial 2nd B.	" "	September, 1879
" A. McKee .....	" "	Provincial 2nd B.	" "	October, 1879
" F. McKee .....	" "	Provincial 2nd B.	" "	October, 1879
" I. Nudel .....	" "	Provincial 2nd A.	" "	September, 1878
" M. Ritchie .....	" "	Provincial 2nd B.	" "	September, 1878
" S. E. A. Scobie .....	" "	Provincial 2nd B.	" "	January, 1879
" M. Smyth .....	" "	Provincial 2nd B.	" "	September, 1879
" I. V. Straubel .....	" "	Provincial 2nd A.	" "	July, 1879
" B. M. Wallace .....	" "	Provincial 2nd A.	" "	January, 1879
" A. T. Waterson .....	" "	Provincial 2nd B.	" "	November, 1878

# Examiners' Report.



# REPORT

OF THE

## Examiners in regard to the Combined Examinations

OF THE

### PUBLIC SCHOOLS OF TORONTO.

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The Examiners have the honor to report that, in the discharge of the duty entrusted to them, they examined, on the 22nd and 23rd of June, the selected pupils sent up to them from the several Public Schools in the City, in which the more advanced pupils are taught. The examination was conducted in the Dufferin and Ryerson Schools, and, as in former years, was throughout a written one. The pupils examined belonged to the four highest divisions, and numbered in all 247, being 15 more than took part in the corresponding examination last year.

The Examiners beg to submit the following results as brought out by a careful comparison of the papers handed in to them :—

#### I. FOURTH DIVISION.

The pupils of this Division, numbered 65. They were taken from the Fourth Divisions of the following Schools ; the Dufferin, the Ryerson, the Wellesley, Victoria Street, Phœbe Street, Winchester Street, Niagara Street, the Park, and John Street ; ten—five boys and five girls—from each of the first four ; and five from each of the others. They were examined in Arithmetic, Grammar, and Composition, Hygiene, History and Geography, Read-

ing, Spelling and Derivation, Writing, Drawing and Music. Taking a general view of the Schools in this Division, the Girls' department in the Wellesley School stands first; the Boys' department of the Dufferin comes next; and after these the Boys' department of the Ryerson, and the Wellesley Schools and the Girls' department of the Ryerson are nearly equal. In this, as in the other divisions, the highest prizes are given for General Proficiency; the holders of these are not permitted to take prizes also for excellence in the separate branches of study in the examination. The Examiners recommend the General Proficiency prizes in this Division to be awarded to the following;

1. Richard Weston, The Dufferin School.
2. D'Arcy Winterbottom, Wellesley “
3. Minnie Jackes, “ “
4. Jennie Houston, “ “
5. Isabella McDonald, “ “

Taking the subjects separately, or in natural groups, the Examiners find that in this division the greatest excellence in Arithmetic was exhibited by the Girls' department in the Wellesley School; the Boys' department of the Dufferin comes next, and close upon it both departments of the Ryerson. In Grammar and Hygiene, which for prize purposes are grouped together, the highest place was taken by the Girls' department of the Wellesley School; the Boys' department of the Dufferin again taking the second place; the Boys' department of Wellesley and the Girls' department of Phoebe Street taking the third and fourth places respectively. In History and Geography the Boys' department of the Ryerson stands first, and close upon it, the Girls' department of the Wellesley; the Boys' departments of Victoria Street and the Dufferin School follow at some distance. In Reading, Spelling and Derivation the place of honor is held by the Boys'

departments in the Dufferin and John Street Schools and by the Girls' department in the Ryerson; these being found to be of nearly equal merit. In the last group, which includes Writing, Drawing and Music, the greatest amount of excellence is exhibited by the Girls' departments in the Ryerson, Phoebe Street, Wellesley and Dufferin Schools, and in the order now enumerated.

In addition to the prizes for Proficiency, the Examiners recommend the following to be given in the branches specified:—

#### I. ARITHMETIC.

1. Alexander Hunter, Dufferin School. 2. Alfred Ashbridge, Dufferin School. 3. E. J. Brown, Phoebe Street School. 4. Alice Arnall, Victoria Street School.

#### II. GRAMMAR, COMPOSITION AND HYGIENE.

1. Arthur Goldsmith, Dufferin School. 2. Alexander Murphy, John Street School. 3. Louie Ross, Ryerson School. 4. William Taylor, Wellesley School.

#### III. HISTORY AND GEOGRAPHY.

1. J. McGregor, Ryerson School. 2. John Watson, Victoria Street School. 3. P. Brunskill, Ryerson School. 4. G. Graham, Ryerson School.

#### IV. READING, SPELLING AND DERIVATION.

1. Lousia Devlin, Victoria Street School; Esther Schiebe, Victoria Street School; Alex. Murphy, John Street School. 4. Katie Harris, Victoria Street School; Alex. Hunter, Dufferin School.

#### V. WRITING, DRAWING AND MUSIC.

1. Louie Ross, Ryerson School. 2. L. Palmer, Ryerson

School; A. Young, Ryerson School. 4. Katie Vaughan, Phoebe Street School.

## II. THIRD DIVISION.

Fifty pupils appeared for Examination in this Division; ten boys and ten girls from the same Division of the Dufferin, and an equal number from the Ryerson, and ten girls from John Street School. They were subjected to examination in the same subjects as the Fourth Division, with Algebra and Book-keeping added. For the two previous years the best examinations on all the subjects, was in this Division passed by the Girls' department in the Ryerson School. This year the place of honor is taken by the Boys' department of the Dufferin, closely followed by the Girls' department of the same School. Coming to the separate branches, in Arithmetic and Algebra, and in Writing, Book-keeping and Drawing, the first place is taken by the Boys' department of Dufferin, the second by the Girls' department of the same school; in Grammar, Composition and Hygiene, and also in History and Geography the first place is taken by the Boys' department of Ryerson School. In Reading and Spelling the Girls' department of Dufferin stands first.

The Examiners' recommend Prizes to be given in this Division as follows:

### I. GENERAL PROFICIENCY.

1. Maggie Gowans, Dufferin School. 2. Fannie Hamilton, Dufferin School. 3. Thomas McMullen, Ryerson School. 4. Frank Wells, Dufferin School. 5. Mary Dawson, John Street School.

### II. MATHEMATICS.

1. George Jameson, Dufferin School. 2. Carrie M. Ellis,

Dufferin School ; J. A. Fraser, Dufferin School. 4. Albert Summers, Dufferin School.

### III. GRAMMAR, COMPOSITION AND HYGIENE.

1. Carrie M. Ellis, Dufferin School. 2. W. Phillips, Ryerson School. 3. P. R. Herrington, Dufferin School. 4. M. Purvis Ryerson School.

### IV. HISTORY AND GEOGRAPHY.

1. W. J. Darby, Dufferin School. 2. George Jameson, Dufferin School ; W. Phillips, Ryerson School. 4. W. McMurchy, Ryerson School.

### V. READING, SPELLING AND DERIVATION.

1. Genevieve Miller, Dufferin School. 2. Lena M. Hood, Dufferin School. 3. Carrie M. Ellis, Dufferin School ; Bella E. Passmore, Dufferin School ; William Hill, Dufferin School.

### VI. WRITING, BOOK-KEEPING, DRAWING AND MUSIC.

1. George Jameson, Dufferin School. 2. William Hill, Dufferin School. 3. A. S. Groat, Dufferin School. 4. Norman Bolton, Dufferin School ; Mary Wright, John Street School.

## III. SECOND DIVISION.

Sixty pupils took part in the Examination in this Division ; ten boys and ten girls from each of the following Schools : Dufferin, Ryerson and Wellesley. They were examined in Euclid and Natural Philosophy in addition to the subjects embraced in the examination of the third division. Of the three Schools, the aggregate marks of Ryerson are the highest ; but taking departments alone, the Girls' department in Wellesley stands highest, and the same department in Dufferin comes next. Coming to

separate branches of study, the highest excellence in Mathematics is exhibited by the Girls' department in Ryerson, the same department in Wellesley taking the second place. In Grammar, Composition and Hygiene, the Girls' department in Wellesley is much in advance of the others. In History and Geography, the first place is taken by the Boys' department of the Ryerson School, and the second by the Girls' department in the Dufferin. In Reading, Spelling and Derivation, the Girls' departments in Dufferin, Ryerson and Wellesley, were first and nearly equal. In the remaining group of subjects, Writing, Book-keeping, Drawing and Music, the first place was taken by the Girls' department of the Dufferin School, and the second by the same department of the Wellesley.

The Examiners recommend the following Prizes in this Division :

#### I. GENERAL PROFICIENCY.

1. Letitia Armstrong, Ryerson School. 2. Minnie Green, Dufferin School. 3. Maggie Donald, Wellesley School. 4. Robert Moggridge, Dufferin School. 5. Carrie Hall, Ryerson School.

#### II. MATHEMATICS.

1. Robert Davis, Ryerson School. 2. Walter Evans, Dufferin School. 3. Frank Webster, Dufferin School. 4. Annie Lawson, Wellesley School; Jennie Pursey, Wellesley School.

#### III. GRAMMAR, COMPOSITION AND HYGIENE.

Bertha Christie, Wellesley School. 2. Henrietta McKim, Wellesley School. Jennie Pursey, Wellesley School. 4. Minnie Christie, Wellesley School.

## IV. HISTORY AND GEOGRAPHY.

1. Walter Evans, Dufferin School. 2. Maggie Hay, Dufferin School; J. Carter, Ryerson School. 4. A. Oakley, Ryerson School.

## V. READING, DERIVATION AND SPELLING.

1. Alicè Harding, Dufferin School. 2. A. Mullen, Ryerson School. 3. A. Douglas, Wellesley School; Maggie Hay, Dufferin School.

## VI. WRITING, BOOK-KEEPING, DRAWING AND MUSIC.

1. Henrietta McKim, Wellesley School. 2. Bella S. Laidlaw, Dufferin School, 3. Martha Findlay, Dufferin School. 4. Sarah Grove, Dufferin School.

## IV. FIRST DIVISION.

In this Division 12 pupils appeared for examination from each department of the corresponding divisions in Dufferin, Wellesley, and Ryerson Schools, making a total of 72. They were examined in all the subjects (fifteen) taught in the Public Schools of the City, and the results were such as reflected very high honour, both on the teachers and the scholars. The aggregate marks of the highest pupil this year are 15 per cent in advance of those reached by the pupil holding the same position last year. Three departments in these Schools exceed the aggregate reached by the highest department last year; one of them being 20 per cent. in advance. The marks of the holder of the 10th Scholarship this year, equal those obtained by the holder of the *first* last year. This is no doubt due, in great measure, to the increasingly large number of pupils who are willing to prolong their attendance from year to year in the highest division of the School. There can be no doubt of the fact that the degree of excellence exhibited this

year is largely in advance of that reached on any previous occasion in the history of the Public Schools of Toronto. Taking all the subjects into account, the highest standard was reached by the Girls' department in Wellesley School; the Boys' department in Ryerson comes next, though at a considerable distance; and after it, the Boys' department in Wellesley. The record of no department in this highest division is discreditable. Passing the various branches of study under review, the *first* place in *each* of them is taken by the Girls' department of the Wellesley School; in Mathematics, the second place is taken by the Boys' department in the same school; in Grammar, Composition and Hygiene, and in History and Geography, the second place is taken by the Boys' department of Ryerson; in Reading, Spelling and Derivation, the second place is held by the Girls' department of Dufferin, and in Writing, Book-keeping, Drawing and Music, by the Boys' department of Wellesley.

The Gold Medal awarded to the pupil who has passed the best examination in all the branches of study in the highest division, has been gained by Christina Niven of the Wellesley School, and the Silver Medal, by William Graham of the Ryerson School, who stands next.

The Examiners recommend that the Scholarships for General Proficiency and the Prizes for excellence in special subjects be awarded as follows:—

#### SCHOLARSHIPS.

1. Christina Niven, Wellesley School.
2. William Graham, Ryerson School.
3. Frederick Featherstonehaugh, Ryerson School.
4. Annie Brown, Wellesley School; Albert Keeler, Ryerson School.
6. Alice Kirk, Wellesley School.
7. Jennie Gray, Dufferin School.
8. Elizabeth Young, Wellesley School.

9. Amiel Schadel, Wellesley School. 10. Newton Kent, Wellesley School. 11. John Laidlaw, Wellesley School. 12. Robert Duncan, Ryerson School.

## PRIZES. I. MATHEMATICS.

1. W. J. Massey, Wellesley School. 2. Joseph Skirrow, Wellesley School. 3. Frederick Ralston, Ryerson School. 4. Amanda Hicks, Wellesley School.

## II. GRAMMAR, COMPOSITION AND HYGIENE.

1. Mahala Hicks, Wellesley School; James Maybee, Ryerson School. 3. Minnie Brewer, Wellesley School. 4. George Anderson, Ryerson School.

## III. HISTORY AND GEOGRAPHY.

1. Jennie King, Dufferin School. 2. Hattie Holmes, Wellesley School. 3. William Robins, Wellesley School. 4. Emily Maybee, Ryerson School.

## IV. READING, SPELLING AND DERIVATION.

1. Amanda Hicks, Wellesley School; Jennie King, Dufferin School. 3. Mary Baillie, Ryerson School; Prudence Henry, Ryerson School; Christy Ashby, Wellesley School.

## V. WRITING, BOOK-KEEPING, DRAWING AND MUSIC.

1. William Sills, Dufferin School. 2. Amanda Hicks, Wellesley School. 3. Jennie Sinclair, Dufferin School; Emma Saunders, Ryerson School.

At the request of the Board, a Supplementary Examination was conducted in Canadian History and Canadian Geography, with the view of awarding two Medals, generously offered by a citizen of Toronto, for excellence in these branches of knowledge. Fifty-four pupils submitted to the examination. The acquaintance

with the subjects evinced by all was highly creditable ; very many showed a knowledge of these departments of History and Geography so wide and accurate that it was no easy matter to decide as to the holders of the Medals. It was found that Jennie Gray of the Dufferin School, was entitled to the first, and Newton Kent of the Wellesley School, to the second. It should be stated that Joseph Mills, of Dufferin ; Fred. Featherstonhough, of Ryerson ; and Christina Niven, of Wellesley, were nearly equal to the second pupil in the competition.

In concluding their Report, the Examiners would congratulate the Board of Trustees and the citizens of Toronto on the growing efficiency of the Public Schools of the city and the system of instruction conducted in them, as brought out by this examination. It is pleasant to have to state that the standard of excellence is highest and most nearly equal in those branches of study which all would deem of greatest importance. In the opinion of the Examiners it would not be wise to extend farther, in the meantime, the subjects of study ; in some branches, as in Euclid, it might be the course of wisdom to reduce somewhat the amount of work attempted. In conducting the examination, much valuable assistance was given to the Examiners by the Inspector, and by those Teachers who were appointed to distribute papers and superintend the pupils while writing their answers.

JOHN M. KING, M. A.,

*Chairman of Board of Examiners.*

Examination Papers.



# Examination Paper.

COMBINED EXAMINATION.

## SENIOR FIFTH BOOK.

### ARITHMETIC AND MENSURATION.

1. Find the sum of the third, fourth, fifth, sixth and seventh parts of 32760.

2. Define a Fraction. Distinguish between a Vulgar and Decimal Fraction. Give example of a Proper, Simple and Complex Fraction.

3. Simplify  $\left\{ \frac{2\frac{2}{3} \times 1\frac{5}{9} \text{ of } \frac{7}{8}}{11\frac{2}{3} - 11\frac{1}{12} \text{ of } 7\frac{1}{3}} \right\} \div \frac{5\frac{1}{2} \times (3\frac{1}{2} - 1\frac{2}{13})}{16\frac{1}{4} + 3\frac{3}{18} \text{ of } \frac{7}{51}}$

$$+ \frac{11\frac{1}{8} \text{ of } 3\frac{1}{5} \text{ of } 1\frac{1}{4}}{89 \times \frac{7}{8} \text{ of } 4}$$

4. How many cubic feet of timber would be required for the sleepers of a double line of railway 18 miles long if each sleeper be 9 feet long, 10 inches broad, and 8 inches thick, and they are placed 3 feet apart?

5. Two persons start at the same time, one for Weston, driving at the rate of 11 miles an hour, and the other from Toronto, walking at the rate of four miles an hour. Where and when will they meet, the distance between the two places being ten miles?

6. Divide 3102 by 071; and give the quotient as decimal of 5'051.

7. A certain estate is left to five sons; the diameter of the whole estate is  $1\frac{1}{4}$  miles. Each of four sons is to receive a share equal to a circle whose radius is 400 yards, and the eldest the residue. What is the share of each? Answer in acres, &c., to yards.

8. The Fahrenheit thermometer marks freezing point at  $32^{\circ}$ , and boiling point at  $212^{\circ}$ . The Centigrade freezing point is zero and boiling point  $100^{\circ}$ . What degree Fahrenheit corresponds to  $60^{\circ}$  Centigrade?

9. If I sold \$8,000 stock, yielding 6 per cent. per annum dividend at 81, and invested in bank stock at 101, yielding  $7\frac{1}{2}$  per cent. annually. Find gain or loss by the transfer.

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### GRAMMAR AND COMPOSITION.

1. Define Relative Pronoun, Etymology, Impersonal Verb, Passive Voice, Interjection.

2. Give the plural of *attorney*, *2, i, cloth*: the singular of *kine*, *phenomena*; the past tense, past participle, and present participle of *go*, *lay*, *die*; the possessive plural of *woman*, *boy*, *lady*.

3. Explain the origin of the sign of the possessive case of the noun; and of the suffix forming the past indicative of the weak verb.

4. Name and illustrate the four principal syntactical combinations or relations of the parts of speech.

5. Parse the words in italics in the following quotation:

“ I *who wept a little did*, I will confess,  
 The *moment* I was seated here *alone*,  
*Honor* my little cell with some few tears,  
*Which* anger and resentment could not dry.”

## 6. Analyse :

“Tell me not in mournful numbers,  
 Life is but an empty dream ;  
 For the soul is dead that slumbers ;  
 And things are not what they seem.”

7. Correct anything faulty in the following sentences—giving your reasons :

- (a) There appears to be many who will not be promoted.
- (b) Boys are in the plural number because they mean many.
- (c) James and John have returned more than a month ago.
- (d) In the observance of the laws consists the stability and welfare of the kingdom.

8. Write on one of the following subjects :

The Play-ground.

Vacation.

Advantages derived from the practice of English Composition.  
 3rd and 4th Divisions.

---

### DICTATION AND DERIVATION.

1. Write a passage to be dictated in the class-room.
2. Correct the errors in spelling in the following passage :

There are precedents, therefore for all such things ; but such precedents as could not for a moment survive the times of madness and distraction which gave them birth, but which, as soon as the spurs of the occasions were blunted, were repealed and execrated by parliaments which, little as I may think of the present,

ought not to be compared with it—parliments sitting in the darkness of former times, in the night of freedom—before the principals of government were developed, and before the constitution became fixed.

3. Derive the following words, giving the meaning of the root, and, where such occur, of the affix and prefix in each case; dedicated, lecture, circumstances, obtained, designation, falsehood, imposed, currency, significance.

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### HISTORY.

1. Give the character of James I., and some of the more important events in his reign.

2. What do you understand by the Petition of Right; under what circumstances was it granted and with what result?

3. State the origin and principal events of the Civil War under Charles I.

4. With what results was the protectorate of Cromwell attended in relation to the foreign possessions of England?

5. Give the date of the Restoration, and give the names and purport of the more important Acts passed after it to secure the religion and liberties of England.

6. Give the date and circumstances attending the discovery of Canada.

7. What is Seigniorial tenure, and when and how was it abolished?

8. Give the names of the Governors of Canada between 1840 and 1867.

## GEOGRAPHY.

1. What evidence have we that the waters of Lake Ontario once extended over parts that are now being tilled by the farmer?
2. Account for an eclipse of the moon. As to the shape of the earth what does an eclipse of the moon prove?
3. It is said the earth is nearest the sun in winter, account then for the cold temperature of winter.
4. Define Ecliptic, Horizon. What is our first meridian?
5. From what countries principally come our buffalo-robbs, seal-skins, teas, coal, coal-oil, and finest silks?
6. Name six of the greatest nations in the world. In what zones are they found?
7. Where are Borneo, Ceylon, Madagascar, Cuba, Sicily, Formosa, Anticosti?
8. In what countries are Sedan, Sebastapol, Lucknow, Sadowa, and the battle-field of Waterloo.

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EUCLID.

1. Define a right angle, an oblong, a rhombus.
2. If two triangles have two sides of the one equal to two sides of the other, each to each, and have likewise their bases or third sides equal, the angle which is contained by the two sides of the one shall be equal to the angle which is contained by the two sides equal to them of the other.
3. To describe a square that shall be equal to a given rectilineal figure.

4. The angle in a semi-circle is a right angle, the angle in a segment greater than a semi-circle is less than a right angle, and the angle in a segment less than a semi-circle is greater than a right angle.

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### ALGEBRA.

Define Index and Coefficient.

1. Simplify  $(a^2 + b^2 + c^2)(x^2 + y^2 + z^2) - (bx - cy)^2 - (cx - az)^2 - (ay - bx)^2$ .

2. Divide  $1 - \frac{2}{3}x - x^4 + 2x^5$  by  $1 + \frac{4}{3}x + \frac{5}{3}x^2 + 2x^3 - \frac{7}{3}x^4$ .

3. Simplify  $\frac{b+c}{(a-b)(a-c)} + \frac{c+a}{(b-c)(b-a)} + \frac{a+b}{(c-a)(c-b)}$

4. A miller has 125 bushels of Winter wheat for which he paid \$1.35 a bushel, and now Spring wheat is selling at \$1.28 a bushel. How many bushels of Spring wheat must he add so that a bushel of the mixed wheat may be sold for \$1.25?

5. Find the value of  $x$  in the equation

$$\frac{2x - \frac{1}{3}}{1 - x} - \frac{x - 2}{3x + 1} \times 3\frac{2}{3} = 0.$$

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### NATURAL PHILOSOPHY.

1. What is Mechanics?
2. When are forces in equilibrium? Illustrate by examples.
3. What is a Motor?
4. Name the seven Mechanical Powers?
5. These seven Powers are the combination of what three simple machines?

6. Describe a Plumb-line, and tell its use.
7. What force is it that gives weight to bodies.
8. What is an inclined Plane?
9. In constructing roads in mountainous districts what principle in mechanics is observed?
10. What are the practical uses of a Barometer?

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### BOOK KEEPING.

1. Explain the use of the Journal and the Ledger.
2. What is the chief difference between single and double entry. Name four or more accounts not used in the single entry.
3. How would you close Merchandise, Loss and Gain, Balance.
4. Explain fully the meaning of the following terms as employed in Book-Keeping : Stock, Bill Payable, Trial Balance.
5. Name an Account in which the Dr. side can never be greater than the Cr., and one in which the Cr. side can never be greater than the Debtor.
6. Journalize :
  - (a) Sold goods to A. B. amounting to \$500, and received in payment Cash \$300 and other goods for the balance.
  - (b) Bought goods from C. D. amounting to \$1000, paying Cash \$700 and giving my note for \$300.

7. When do you credit and when debit Loss and Gain?
8. Should the totals of the debits and the credits of all the accounts in the Ledger taken together always be equal? Give your reason.

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## FIRST DIVISION.

### HYGIENE.

1. On what does the heat of the body depend? What is the principal object of clothing? And what is the comparative value of linen and of woollen clothing in relation to this object?
2. What is the life-sustaining element in the air we breathe? Account for the sense of fatigue after remaining for some time in a crowded room?
3. State the effects of too little physical exercise?
4. What methods may be used for purifying water, and what are some of the sources of its impurity?
5. Through what organs does oxygen get into the blood?
6. How would you proceed to extinguish the fire which had caught the clothing worn by a human being?
7. Sleep; how much is needed? What are the results of an insufficient amount? Under what conditions may it be made most conducive to health?

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### MUSIC.

1. What is meant by the Key-note?

2. What is the Key-note when 4 Flats in the Signature ! And 3 Sharps ?
3. What is the relation between the Major and Minor Scales ? How do their signatures differ ?
4. What is the difference between a Major and Minor third ?
5. How many Semitones in a perfect fifth ?
6. Which Scales have 4 Sharps ? Which 6 Sharps ?
7. What are the Signatures for Compound Common Time ? Also for Compound Triple Time ?
8. What is the effect of a Slur ?
9. What Notes form the Triad for E. Major Scale ?
10. Give the Notes which form the third position of the Triad for F. Minor Scale.
11. What is the effect of the Double Sharp, Double Flat, the Signs, and how are they contradicted ?

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## SENIOR AND JUNIOR FIFTH BOOKS.

### DRAWING.

1. Draw an original industrial design.
2. Draw from memory an industrial design given during the session.
3. Draw an edge view of a circle—also an oblique view, and name it.

**SENIOR AND JUNIOR FOURTH BOOKS.**

1. Draw an industrial design—original.
2. Draw an industrial design from memory.
3. Draw a quadrant, a sector, an arc.

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**HYGIENE.**

1. On what does the heat of the body depend? What is the principal object of clothing? And what is the comparative value of linen and of woollen clothing in relation to this object?
2. What is the life-sustaining element in the air we breathe? Account for the sense of fatigue after remaining for some time in a crowded room?
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4. What method may be used for purifying water, and what are some of the sources of its impurity?
5. Through what organs does oxygen get into the blood?
6. How would you proceed to extinguish the fire which had caught the clothing worn by a human being?
7. Sleep; how much is needed? What are the results of an insufficient amount? Under what conditions may it be made most conducive to health?

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**JUNIOR FIFTH BOOK.****ARITHMETIC AND MENSURATION.**

1. Find the sum of the third, fourth, fifth, sixth and seventh parts of 32760.

2. How many posts, six feet apart, would be required in fencing a circular plot of ground one mile round?

2. Define a Fraction. Distinguish between a Vulgar and Decimal Fraction. Give example of a Proper, Simple and Complex Fraction.

3. Simplify 
$$\left\{ \frac{2\frac{2}{3} \times 1\frac{5}{9} \text{ of } \frac{7}{6}}{11\frac{2}{3} - 11\frac{1}{12} \text{ of } 7\frac{1}{3}} \right\} \div \frac{5\frac{1}{2} \times (3\frac{1}{2} - 1\frac{2}{13})}{16\frac{1}{4} + 3\frac{3}{16} \text{ of } \frac{7}{51}}$$

$$+ \frac{11\frac{1}{8} \text{ of } 3\frac{1}{5} \text{ of } 1\frac{1}{4}}{89 \times \frac{7}{8} \text{ of } 4}$$

4. How many cubic feet of timber would be required for the sleepers of a double line of railway 18 miles long if each sleeper be 9 feet long, 10 inches broad, and 8 inches thick, and they are placed 3 feet apart?

5. Two persons start at the same time, one from Weston, driving at the rate of 11 miles an hour, and the other from Toronto, walking at the rate of four miles an hour. Where and when will they meet, the distance between the two places being ten miles?

6. Divide .3102 by .071; and give the quotient as decimal of 5.051.

8. Find the difference between Banker's and true discount on a note made the first day of January, 1880, due 22nd June same year, and paid on the 1st of April, rate of discount being 8 per cent. per annum.

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### GRAMMAR AND COMPOSITION.

1. Define Relative Pronoun, Etymology, Impersonal Verb, Passive Voice, Interjection.

2. Give the plural of *attorney*, *z*, *i*, *cloth*: the singular of *kine*,

*phenomena* ; the past tense, past participle, and present participle of *go, lay, die* ; the possessive plural of *woman, boy, lady*.

3. Explain the origin of the sign of the possessive case of the noun ; and of the suffix forming the past indicative of the weak verb.

4. Name and illustrate the four principal syntactical combinations or relations of the parts of speech.

5. Parse the words in italics in the following quotation :

“ I *who wept a little did*, I will confess,  
The *moment* I was seated here *alone*,  
*Honor* my little cell with some few tears,  
*Which* anger and resentment could not dry.”

6. Analyse :

“ Tell me not in mournful numbers,  
Life is but an empty dream ;  
For the soul is dead that slumbers ;  
And things are not what they seem.”

7. Correct anything faulty in the following sentences—giving your reasons :

- (a) There appears to be many who will not be promoted.
- (b) Boys are in the plural number because they mean many.
- (c) James and John have returned more than a month ago.
- (d) In the observance of the laws consists the stability and welfare of the kingdom.

8. Write on one of the following subjects :

The Play-ground.

Vacation.

Advantages derived from the practice of English Composition.  
3rd and 4th Divisions.

---

### DICTATION AND DERIVATION.

1. Write a passage to be dictated in the class-room.
2. Correct the errors in spelling in the following passage :

There are precedents, therefore for all such things ; but such precedents as could not for a moment survive the times of madness and distraction which gave them birth, but which, as soon as the spurs of the occasions were blunted, were repealed and execrated by parliaments which, little as I may think of the present, ought not to be compared with it—parliaments sitting in the darkness of former times, in the night of freedom—before the principals of government were developed, and before the constitution became fixed.

3. Derive the following words, giving the meaning of the root, and, where such occur, of the affix and prefix in each case ; dedicated, lecture, circumstances, obtained, designation, falsehood, imposed, currency, significance.

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### GEOGRAPHY.

- 1 Sailing from London, Eng., what would be the shortest route to India ?
2. In what countries respectively are Canton, Yokohama, Melbourne, Bombay, Damascus ?
3. What countries lie along the northern shore of the Mediterranean ?
4. Name the British possessions in Europe.

5. Give the course of the Gulf Stream. State some effects produced by it.

6. It is said the earth is nearer the sun in winter than in summer, account then for the difference in temperature.

7. From what countries principally come our buffalo-robbs, teas, rice, sugar, and coal?

8. What are the chief sources of wealth in France? Name the principal exports of Canada.

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### MODERN HISTORY.

1. About what period was the Kingdom of England formed and by whom?

2. State the circumstances attending the Norman Conquest and the effects resulting from it.

3. What do you understand by the Feudal system?

4. What was the object of the Crusades? Mention the names of some of the chief actors in them. When did Jerusalem finally pass out of Christian hands?

5. What lent distinction to Florence in the fifteenth century?

6. Give a brief sketch of Charles the Fifth.

7. Who were the principal actors in the thirty years' war and what is the name of the treaty by which it was closed?

8. In what ways did Peter the Great contribute to the greatness of Russia?

## EUCLID.

1. Define a line, a square, parallel straight lines.
2. To bisect a given finite straight line, that is, to divide it into two equal parts.
3. To make a parallelogram given, which shall be equal to a given triangle, and have an angle equal to a given rectilineal angle.
4. If the square upon one side of a triangle be equal to the squares upon the other two sides, the angle contained by these two sides is a right angle.

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**SECOND DIVISION.**
**ALGEBRA.**

Define Index and Coefficient.

1. Simplify  $(a^2 + b^2 + c^2)(x^2 + y^2 + z^2) - (bz - cy)^2 - (cx - az)^2 - (ay - bx)^2$ .
2. Divide  $1 - 2\sqrt{3}x - x^4 + 2x^5$  by  $1 + \frac{4}{3}x + \frac{5}{3}x^2 + 2x^3 - \frac{7}{3}x^4$ .
3. Find the G. C. M. of  $2x^2 - 13x + 15$  and  $6x^2 - 7x - 3$ .
4. Simplify  $\frac{b+c}{(a-b)(a-c)} + \frac{c+a}{(b-c)(b-a)} + \frac{a+b}{(c-a)(c-b)}$
5. Find the value of  $x$  in equation

$$\frac{2x-3}{x+1} - \frac{2x+5}{5x-2} = \frac{3x-4}{5x-2} + \frac{x-5}{x+1}$$

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**NATURAL PHILOSOPHY.**

1. What properties belong to all bodies?
2. Give examples of the principle of inertia.

3. Define Compressibility, Dilatibility, Porosity.
4. Define Specific Gravity.
5. What is a Siphon, and how is it prepared for use?
6. What is a Water-Pump?
7. In using the common Lifting Pump explain how the water is lifted from a well.
8. Name some of the uses of a Barometer.

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### BOOK KEEPING.

1. How would you enter the following in the Day Book and Ledger?

JUNE 1.

You commence business with Mdse.	\$1200
Cash	1500
Richard Dawson owes you	100
You owe James Smith	75

—2—

Bought from Peter Cooper on credit 300 lbs. tea at 50c.

—3—

Paid Peter Cooper on account	100
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—4—

Received from Richard Dawson in full of account	100
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—5—

Paid to James Smith	50
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2. How would you find the losses or gains by Single Entry?
3. What is meant by Liability, Asset, Bill Receivable?

4. On which side of the Cash Book or Cash Account would you enter Cash Received ?

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### SENIOR FOURTH BOOK.

#### ARITHMETIC AND MENSURATION.

1. Find the sum of the third, fourth, fifth, sixth and seventh parts of 32760.

2. How many posts, six feet apart, would be required in fencing a circular plot of ground one mile round ?

2. Define a Fraction. Distinguish between a Vulgar and Decimal Fraction. Give example of a Proper, Simple and Complex Fraction.

3. Simplify  $\left\{ \frac{2\frac{2}{3} \times 1\frac{5}{9} \text{ of } \frac{7}{6}}{11\frac{2}{3} - 11\frac{1}{12} \text{ of } 7\frac{1}{3}} \right\} \div \frac{5\frac{1}{2} \times (3\frac{1}{2} - 1\frac{2}{13})}{16\frac{1}{4} + 3\frac{3}{16} \text{ of } \frac{7}{51}}$   
 $+ \frac{11\frac{1}{8} \text{ of } 3\frac{1}{5} \text{ of } 1\frac{1}{4}}{89 \times \frac{7}{8} \text{ of } 4}$

5. Find the cost of carpeting a room 16 feet by 12 feet 6 inches, with carpet  $\frac{5}{8}$  of a yard wide, at \$1.50 per yard.

6. Two persons start at the same time, one from Weston, driving at the rate of 11 miles an hour, and the other from Toronto, walking at the rate of four miles an hour. Where and when will they meet, the distance between the two places being ten miles ?

7. Find the simple interest on \$335.50 from the 1st of January, 1880, to the 22nd of June of the same year at 7 per cent. per annum.

6. Divide .3102 by .071 ; and give the quotient as decimal of 5'051.

### THIRD DIVISION.

#### ALGEBRA.

Define Index and Coefficient.

1. Simplify  $(a^2 + b^2 + c^2)(x_2 + y_2 + z_2) - (bz - cy)^2 - (cx - az)^2 - (ay - bx)^2$ .

2.  $15x^5 - 17x^4 - 24x^3 - 1382x - 130x + 63$  by  $5x^3 + 6x^1 - 9x + 7$ .

3. Find the value of  $x$  in the equation

$$\frac{x-2}{x+2} + \frac{x-3}{x-2} = 2$$

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#### ANCIENT HISTORY.

1. Give the names of the various Aryan races in Europe in the order of their migration into it.

2. Who were the parties in the Peloponnesian war, and with what result was it waged?

3. Give an account of the second Punic War.

4. What important service was rendered Rome by Sulla?

5. When, by whom, and with what results was the battle of Philippi fought?

6. Give the names of the Flavian Emperors, and mention the more important events which took place during their reign.

7. What importance attaches to Constantine the Great, and when and where did he begin to reign, and how long did his reign continue?

## SENIOR AND JUNIOR FOURTH BOOK.

## DERIVATION.

Give the root, and the affix, and prefix (when possible) of each of the following words :

Distinguishable,	Detached,
Angular,	Polished,
Ordinary,	Descend,
Channel,	Carefully.
Fragments,	

## GRAMMAR AND COMPOSITION.

1. Define Personal Pronoun, Participle, Adverb, Preposition.
2. Write the plural of chimney, shelf, story ; the past tense and past participle of *ride*, *play*, *lay* ; and possessive plural of *man*, *girl*, *soldier*.
3. Change the voice of the verb in each of the following sentences :

“ The curfew tolls the knell of parting day.”

“ We were summoned to dinner by the ringing of a gong.”

4. Parse the words in italics in the following :

*The heart* of Robert Bruce, *which was preserved* in a *silver case*, they *consigned to the care* of Douglas.

5. Analyse :

The abuses of John's government caused the combination of the barons which extorted Magna Charta.

6. Write a short letter to a friend describing a walk into the country, or a trip on Lake Ontario.

## GEOGRAPHY.

1. Name the Provinces of the Dominion of Canada.
2. What cities have we in Ontario ?
3. In what direction from Toronto is Rosseau Lake, Goderich, St. Catharines, Ottawa ?
4. Name the capitals of New Brunswick, Nova Scotia and British Columbia.
5. What is the population of the British Empire ?
6. Give the colonies and possessions in Europe belonging to the British Empire.
7. What direction would you take to reach the capital of England from Edinburgh, from Dublin, from St. Petersburg, from Paris ?
8. In the German Confederation what kingdom is the most important ? Name its capital.
9. What States make up the United Kingdom of Italy ?
10. Give the rivers of Italy and the seas into which they flow.
12. Sailing from London, England, describe the shortest route to India.
12. Where is Palestine situated ? What is it noted for ? In Africa what river possesses the greatest historic importance ?

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MUSIC.

1. How many kinds of Scales are there, and what are they ?
2. Of what are the Scales composed ?

3. What effect has a Sharp or Flat placed before a note ?
4. What is the use of the Natural ?
5. Is it necessary to put a Sharp or Flat before every note required to be raised or lowered? Why ?
6. What is an Interval ?
7. What is a Semitone ? What a Tone ?
8. How many kinds of Tone are there ? Name them.
9. What are the Subdivisions in Time ?
10. Under which division does C. come ? And  $\frac{3}{2}$  ? And  $\frac{4}{4}$  ?
11. What is meant by the Key-note ?
12. What is the Key-note when 4 Flats is the Signature ? And 3 Sharps ?

---

### HYGIENE.

1. What are the essential conditions of health ?
2. How are the muscles rendered strong ?
3. Why is occasional bathing conducive to health, and when is the warm bath debilitating ?
4. Mention some things favorable to digestion.
5. Why is it dangerous to eat or drink any food which has remained in the room of any person suffering from fever or contagious disease of any kind ?
6. What can be said of milk as an article of food ?
7. How would you treat a scald or burn ?

## JUNIOR FOURTH BOOK.

### ARITHMETIC AND MENSURATION.

1. Find the sum of the third, fourth, fifth, sixth and seventh parts of 32760.

2. Add together thirty millions five hundred and eight thousand six hundred, twenty-three thousand twenty-three hundred and twenty-three, ninety one thousand and nineteen, eighteen thousand eighteen hundred and eight, and fifty-nine millions eleven thousand and one.

3. After subtracting 357 thirty-five times from a certain number, there remains 309. What is the number?

4. How many posts, six feet apart, would be required in fencing a circular plot of ground one mile round?

5. The height of Chimborazo, one of the Andes is 21440 feet. Express it in miles, &c.

6. Define a Fraction. Distinguish between a Vulgar and Decimal Fraction. Give example of a Proper, Simple and Complex Fraction.

7. Simplify

$$\left\{ \frac{2\frac{2}{3} \times 1\frac{5}{9} \text{ of } \frac{7}{6}}{11\frac{2}{3} - \frac{11}{12} \text{ of } 7\frac{1}{3}} \right\} \div \frac{5\frac{1}{2} \times (3\frac{1}{2} - 1\frac{2}{13})}{16\frac{1}{4} + 3\frac{3}{16} \text{ of } \frac{7}{51}}$$

$$+ \frac{11\frac{1}{8} \text{ of } 3\frac{1}{5} \text{ of } 1\frac{1}{4}}{89 \times \frac{7}{8} \text{ of } 4}$$

8. From £.062725 + £3.005 take the sum of 15.825s. + 51.25d.

---

### HISTORY.

1. Mention the several races which contribute to form the English people.

2. What were the contents of the Great Charter? Where and by whom was it signed?
3. Give some particulars of the reign of Henry V., and mention the war which broke out after his death.
4. Name, in order, the sovereigns of the Tudor dynasty. Give the name and offices of some of the chief men in the reign of Henry VIII.
5. In whose reign did Marlborough die? Give the names of his victories, and state the name and terms of the treaty formed at the close of the war.
6. When was the independence of the United States of America acknowledged by England, and what were the causes which led to it?

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**FOR MR. ALDERMAN HALLAM'S MEDALS.**

**CANADIAN HISTORY.**

1. Give a brief account of the habits and character of the inhabitants of Canada at the time of the discovery by Europeans.
2. Give the names of the four leading tribes of Indians with which the first settlers of Canada were brought into relationship, and state the nature of their relations to them respectively.
3. What seems to have been the location of the first European settlement, and under whose auspices was it made?
4. Mention some of the impediments to success with which the early settlers had to contend.
5. Give an account of the parts borne respectively by

Champlain, Frontenac, and La Salle in the settlement and exploration of the country, with dates.

6. What were the first articles of exchange between Canada and Europe? Compare with them those of to-day.

7. Mention several distinct forms of government which existed in Canada previous to the introduction of responsible government. What do you understand by responsible government?

8. Give the dates and the purport in relation to Canada of the following treaties: St. Germain-in-Laye, Utrecht, and Paris.

9. What causes led to the erection of two governments in Canada—one in Upper Canada and one in Lower—and what causes led to their re-union? Give the date of the latter.

10. Mention the Circumstances connected with the foundation of Annapolis and of Halifax.

11. What causes led to the rebellion in Upper Canada?

12. Give the dates of the following events: (a) Champlain's first voyage to Canada. (b) His death. (c) Foundation of Quebec. (d) Final surrender of Canada to the British. (e) Ashburton Treaty. (f) Reciprocity Treaty. (g) Confederation.

---

## GEOGRAPHY.

1. Give the area and population of the Dominion of Canada.

2. Name the Provinces through which the following rivers flow: Saguenay, Red, Fraser, Trent, St. John and Grand.

3. Where are the following Islands found: Manitoulin, Queen Charlotte, Long Point, Wolfe, Christian, Orleans, and Magdalen?

4. Name the principal minerals of Canada, and tell where they are chiefly to be found.
5. What are the chief industries of the Maritime Provinces? What the exports of Ontario?
6. Give the Counties and their capitals on Lake Erie.
7. What towns on the line of the G. T. R. between Toronto and Prescott?
8. Give the lines of railway in Ontario.
9. What is the length of the St. Lawrence? Name its rapids. Name the lakes of which it is the outlet.



# Financial Statements.



# Financial Statements.

*Annual General Statement of Receipts and Expenditure for Public School Purposes, City of Toronto, for the year ending December 31st, 1880.*

## INCOME FOR 1880.

Balance from 1879.....	\$5,837	61
Cash on hand.....		1 33
Legislative Appropriation for 1880.....	8,756	00
Municipal Assessment for General School Purposes	87,603	00
"    "    Building Purposes.....	15,600	00
Fees for non-resident pupils.....		100 50
Educational Department School Prizes for 1880....	106	17
Sundries.....		13 70
Total.....		<u>\$118,018 31</u>

## EXPENDITURE FOR 1880.

1. New School Buildings, Sites, &c., as per statement in detail. (See Appendix A).....	\$4,569	66
2. Repairs, Alterations and Improvements at the several Schools, as per statement in detail. (See Appendix B.).....		4,268 33
3. Salaries of Officers, Teachers and Caretakers, as per statement in detail. (See Appendix C.).....		78,003 64
4. Fuel for Schools, Board Room and Offices :		
Wm. McGill & Co., Wood and		
Coal, per Contract.....	\$3,886	85
P. Burns, do.....	63	68
Sundry persons, cutting wood..	636	11
Cartage.....	27	55
		<u>4,614 19</u>
5. Premiums of Insurance on Buildings, Furniture, etc., as per statement in detail. (See Appendix D.).....		672 20
<i>Carried forward</i> .....	\$92,128	02

	<i>Brought forward</i> . . . . .	\$92,128 02	
6.	Expenditure on Night Schools as per statement in detail. (See Appendix E.) . . . . .	2,096 71	
7.	Printing, Stationery, School Supplies, Prize Books, Apparatus, &c., as per statement in detail. (See Appendix F.) . . . . .	2,252 26	
8.	Water Rates for all the Schools . . . . .	1,741 08	
9.	Black-leading Stoves, Varnishing Pipes, Replacing old Stoves, Zinc, etc., in all the Schools :		
	F. W. Unitt . . . . .	\$234 78	
	J. C. Swait . . . . .	66 90	
			301 68
10.	Miscellaneous Expenditure, as per statement in detail. (See Appendix G.) . . . . .	989 36	
11.	Cash on hand . . . . .	2 26	
			<hr/>
	Total Expenditure . . . . .		\$99,511 37
	Balance to 1880 :		
	Building Account . . . . .	13,827 21	
	School Account . . . . .	4,679 73	
			18,506 94
			<hr/>
	Total . . . . .		<u>\$118,018 31</u>

Certified,

W. C. WILKINSON,  
*Secretary.*

Audited and Approved,  
R. C. FITZGERALD.

Toronto, January, 1881.

*Auditor.*

## APPENDIX A.

*Statement in detail of Expenditure on Account of New School Buildings, Sites, &c., from 31st December, 1879, to 31st December, 1880, given as one sum in Item No. I, Annual General Statement.*

Thos. Murray, School Site, Hope Street . . . . .	\$2,500 00
F. Donovan, Contract for Foundation and Excavation of School Building, Hope Street . . . . .	715 00
E. & C. Gurney & Co., Furnaces for Ryerson and Wellesley Schools . . . . .	1,354 66
	<hr/>
Total of Item No. 1 . . . . .	\$4,569 66

APPENDIX B.

*Statement in Detail of Expenditure for Repairs, Alterations, and Improvements at the Several Schools during 1880, given in one sum in Item No. 2, in Annual General Statement.*

GIVINS STREET SCHOOL.

G. Weeks, Carpenters' Work, Repairs, &c.....	\$45 00	
G. Keen, Painting and Re-glazing.....	16 00	
V. J. Wallis, Plumbers' Work.....	7 94	
H. R. Whetter, Repairing Blackboards.....	7 00	
Pells & Dodds, Repairs.....	2 30	
	<hr/>	\$78 24

NIAGARA STREET SCHOOL.

J. Sloan, Carpenters' Work, Planking, &c.....	\$217 20	
V. J. Wallis, Plumbers' Work, Putting in Gas Pipes .....	30 00	
V. J. Wallis, Altering and Renewing Sink.....	20 65	
A. Montgomery, Cement Blackboards.....	48 00	
G. Weeks, Carpenters' Work.....	31 50	
Pells & Dodds " " .....	10 78	
G. S. Faircloth & Son, Reglazing.....	5 90	
S. Phillips, Cover for Gas Meter.....	1 50	
	<hr/>	365 53

BATHURST STREET SCHOOL.

J. Nelson, Carpenters' Work, &c.....	\$96 27	
H. R. Whetter, Cement Blackboards.....	23 00	
T. M. Buley, Painting and Reglazing.....	109 15	
G. Keen, Whitewashing and Reglazing.....	37 00	
J. Frazer, Reglazing.....	1 70	
J. Sloan, Repairs.....	3 00	
Pells & Dodds " " .....	1 35	
V. J. Wallis, Plumbers' Work.....	1 50	
	<hr/>	272 97

MARKHAM STREET SCHOOL.

G. Keen, Whitewashing and Reglazing.....	\$10 00	
J. Sloan, Repairs.....	5 15	
	<hr/>	15 15
<i>Carried forward.....</i>		<hr/> \$731 89

Brought forward..... \$731 89

**BORDEN STREET SCHOOL.**

J. Cropper, Carpenters' Work.....	\$16 20
Pells & Dodds, " " .....	4 91
T. M. Buley, Reglazing.....	2 92

24 03

**PHOEBE STREET SCHOOL.**

J. Howard, Constructing Drain, Carpenters' Work, &c.....	\$216 14
Cooke & Berry, Removing Night Soil.....	69 06
V. J. Wallis, Plumbers' Work.....	11 35
Pells & Dodds, Carpenters' Work.....	8 99
G. Keen, Reglazing.....	12 00
A. M. Browne, " .....	2 25
J. Bovaird, Repairs.....	1 00

320 79

**RYERSON SCHOOL.**

J. H. Hamblyn, Carpenters Work, &c.....	\$120 82
J. Stephens " " .....	12 89
T. M. Buley, Painting and Reglazing.....	33 99
J. Frazer, " " " .....	9 34
W. R. Dossor, Clearing Obstructions in Chimney..	5 00
V. J. Wallis, Plumbers' Work.. .....	2 75
A. M. Browne, Reglazing .....	2 15
J. Sloan, Repairs.....	1 85
W. H. Smith, Assorted Shrubs.....	4 00

192 79

**JOHN STREET SCHOOL.**

J. Bullman, Carpenter Work, &c.....	64 11
G. Percy, Painting and Reglazing.....	62 05
A. Montgomery, Cement Blackboards and Plastering .....	53 20
A. W. Mason, Repairs .....	2 00
Pells & Dodds, " .....	35

181 71

**YORK STREET SCHOOL AND OFFICES.**

A. Coyell, Carpenters' Work, &c.....	\$29 86
Pells & Dodds, Carpenters' Work, &c.....	25 42
A. M. Browne, Painting and Whitewashing.....	62 70
W. J. Gibson, Plumbers' Work.....	7 42

Carried forward..... \$125 40 \$1,451 21

FINANCIAL STATEMENTS.

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<i>Brought forward</i> .....	\$125 40	\$1,451 21
V. J. Wallis, Repairing Roof.....	7 15	
G. Leslie & Son, Assorted Shrubs.....	2 00	
		<hr/> 134 55

LOUISA STREET SCHOOL.

W. G. Boon, Carpenters' Work.....	\$253 61	
J. Stephens, Carpenters' Work.....	10 54	
Pells & Dodds, Carpenters' Work.....	9 29	
G. Percy, Painting.....	29 55	
J. L. Robin, Reglazing.....	8 10	
E. Merrett, Reglazing.....	1 30	
J. Fraser, Reglazing.....	1 25	
		<hr/> 313 64

ELIZABETH STREET SCHOOL.

J. Stephens, Carpenters' Work, &c.....	\$42 24	
W. J. Gibson, putting in Gas Pipes.....	55 26	
J. Gray, Tinsmiths' Work.....	5 85	
Pells & Dodds, Repairs.....	3 34	
A. M. Browne, Reglazing.....	80	
J. Fraser, Reglazing.....	1 25	
		<hr/> 108 74

WELLESLEY SCHOOL.

J. Stephens, Carpenters' Work.....	\$124 99	
H. Geraghty, Carpenters' Work.....	10 00	
G. Percy, Painting and Reglazing.....	15 20	
J. Gray, Plumbers' Work.....	3 25	
J. Fraser, Reglazing.....	4 05	
James Stephens, Assorted Shrubs.....	7 00	
Pells & Dodds, Repairs.....	1 00	
		<hr/> 165 49

CHURCH STREET SCHOOL.

D. M. Kimings, Carpenters' Work.....	\$79 80	
Livingston & Wright, Constructing Brick Ash Pit.....	35 00	
B. Brick, Constructing Drain.....	40 50	
O. Tolliver, Whitewashing.....	20 00	
C. R. Rundle & Co., Cement Blackboards.....	18 85	
W. J. Gibson, Plumbers' Work.....	5 08	
J. H. Haskett, Reglazing.....	3 00	
J. Fraser, Reglazing.....	3 55	
Young & Davis, Frosting Windows.....	2 75	
Pells & Dodds, Repairs.....	75	
		<hr/> 209 28

*Carried forward*..... .. \$2,382 91

*Brought forward*..... \$2,382 91

VICTORIA STREET SCHOOL.

J. Stephens, Carpenters' Work.....	\$127 28
R. Phillips, Whitewashing.....	54 58
W. J. Gibson, Plumbers' Work.....	16 61
Geo. Boxall, Tinsmiths' Work.....	4 35
J. Fraser, Reglazing.....	3 95
J. H. Haskett, Reglazing.....	1 40
Pells & Dodds, Repairs.....	2 15
W. Verrall, Repairs.....	75

211 07

GEORGE STREET SCHOOL.

T. M. Bryer, Carpenters' Work, &c.....	\$63 06
Pells & Dodds, Carpenters' Work.....	16 80
J. H. Haskett, Reglazing, &c.....	10 90
A. Hamilton, Reglazing, &c.....	4 20
W. St. Louis, Plasterers' Work, &c.....	14 00
W. J. Gibson, Plumber's Work.....	8 77
Young & Davis, Frosting Windows.....	2 75
Wheeler & Bain, Tinsmiths' Work.....	1 53

122 01

WINCHESTER STREET SCHOOL.

J. T. Coatsworth, Carpenters' Work.....	\$30 64
T. M. Bryer " ".....	7 85
C. R. Rundle & Co., Repairing Blackboards.....	5 10
G. S. Faircloth & Son, Reglazing, &c.....	11 70
J. Bulley, Clearing Drain.....	4 00
W. J. Gibson, Plumbers' Work.....	1 90
Pells & Dodds, Repairs.....	2 79

\$63 98

DUFFERIN SCHOOL.

James Corbett, Carpenters' Work.....	\$23 30
W. St. Louis, Plasterers' Work.....	18 50
J. Kidd, Painting Front Fence.....	60 00
J. C. Swait, Repairing Valleys and Eavetroughs..	13 10
W. J. Gibson, Plumbers' Work.....	6 70
J. Fraser, Reglazing.....	5 40
De Laplante & Bowden, Planking.....	3 20
Pells & Dodds, Repairs.....	85
G. Reading, Assorted Shrubs.....	4 00

135 05

*Carried forward*.....

\$2,915 02

FINANCIAL STATEMENTS.

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Brought forward..... \$2,915 02

PARK SCHOOL.

J. Wilson, Carpenters' Work, &c. ....	\$302 87	
G. S. Faircloth & Son, Painting and Whitewash- ing .....	105 90	
C. R. Rundle & Co., Plastering .....	34 65	
Cooke & Berry, Removing Night Soil.....	47 38	
Pells & Dodds, Carpenters' Work .....	9 39	
J. H. Haskett, Reglazing .. .....	2 50	
E. Merrett, " .....	80	503 49

PARLIAMENT STREET SCHOOL.

J. Corbett, Carpenters' Work.....	\$66 91	
J. Wilson, Carpenters' Work.....	47 09	
A. Hamilton, Painting and Whitewashing.....	40 02	
Richards Bros., putting in Gas Pipes.....	32 70	
C. R. Rundell & Co., Cement Blackboards.....	18 55	
Pells & Dodds, Repairs.....	4 45	
J. H. Haskett, Reglazing.....	3 20	
J. Fraser, Reglazing.....	1 30	214 22

PALACE STREET SCHOOL.

J. Wilson, Carpenters' Work .....	\$177 92	
J. Bulley, Tuckpointing.....	118 00	
W. St. Louis, Plastering, Whitewashing, &c....	88 00	
Cooke & Berry, Removing Night Soil.....	41 38	
" " Repairing Closets .....	6 00	
J. H. Haskett, Painting & Reglazing.....	29 80	
Pells & Dodds, Repairs .....	5 15	466 25

LESLIEVILLE SCHOOL.

T. M. Bryer, Carpenters' Work .....	\$17 80	
W. St. Louis, Whitewashing and Plastering .....	33 50	51 30

MISCELLANEOUS.

A. Montgomery, Cement Blackboards at Sundry Schools .....	\$34 00	
G. Leslie & Son, Shade Trees .....	36 20	
Sweeping Chimnies.....	22 20	
Expenses of Annual Inspection of School Pro- perty .....	16 30	
Sundry Small Payments.....	9 35	118 05

Total of Item, No. 2..... \$4,268 33

## APPENDIX C.

*Statement in Detail of Salaries of Officers, Teachers, Caretakers, &c., paid during 1880, as given in one sum in Item No. 3, in Annual General Statement.*

James Hughes, Inspector .....	\$1,800 00	
W. C. Wilkinson, Secretary.....	1,300 00	
J. T. Thompson, Truant Officer .....	700 00	
Wm. Anderson, Auditor.....	25 00	
C. R. Woodland, Messenger and Caretaker .....	600 00	
Four, Examiners (Combined Examination).....	160 00	
Twenty-two Caretakers .....	3,813 80	
		\$8,398 80

## MALE TEACHERS.

## HEAD MASTERS.

James Anderson .....	\$850 00	
John Campbell .....	898 75	
Wm. Cassidy .....	750 00	
Levi J. Clark.....	900 00	
Samuel Coyne .....	850 00	
George Crane.....	850 00	
Robert W. Doan .....	900 00	
Martin Gill.....	900 00	
Andrew Hendry .....	900 00	
Richard Lewis .....	1,000 00	
R. T. Martin.....	850 00	
Samuel McAllister .....	1,000 00	
Robert McCausland.....	850 00	
Adam F. McDonald.....	1,000 00	
Adam Morrison.....	900 00	
John Phillips.....	750 00	
Albert R. Pyne.....	894 25	
Francis S. Spence.....	897 50	
Wm. Spotton .....	750 00	
		16,690 50

## ASSISTANT MASTERS.

Henry Browne .....	\$850 00	
Peter G. Meldrum .....	850 00	
George K. Powell.....	850 00	
		2,550 00
<i>Carried forward</i> .....		\$27,639 80

FINANCIAL STATEMENTS.

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*Brought forward*..... \$27,639 30

MUSIC TEACHERS.

A. P. Perrin.....	\$325 00	
H. F. Sefton.....	325 00	
	<hr/>	650 00

FEMALE TEACHERS.

HEAD MISTRESS.

Miss C. M. Churchill.....	\$600 00	
	<hr/>	600 00

SENIOR FIFTH BOOK CLASS.

Miss M. Baik.....	\$525 00	
" O. Dunn.....	525 00	
" M. J. Keown.....	525 00	
	<hr/>	1,575 00

JUNIOR FIFTH BOOK CLASS.

Miss Susan Hamilton.....	\$467 87	
" C. Spotton.....	500 00	
" M. A. Worth.....	500 00	
	<hr/>	1,467 87

SENIOR FOURTH BOOK CLASS.

Miss S. J. Hamilton.....	\$470 00	
" A. Kelloch.....	472 00	
" Elizabeth Kennedy.....	475 00	
" S. McCreight.....	500 00	
" J. Rogers.....	500 00	
" R. Thompson.....	500 00	
" E. A. Williams.....	500 00	
	<hr/>	3,417 00

JUNIOR FOURTH BOOK CLASS.

Miss M. Coyne.....	\$448 00	
" J. A. Cruise.....	449 00	
" S. M. Hamilton.....	450 00	
" G. Round.....	500 00	
Mrs. K. Stevenson.....	450 00	
	<hr/>	2,297 00

SENIOR THIRD BOOK CLASS.

Miss A. Armstrong.....	\$424 50	
" A. I. Cameron.....	425 00	
" Jessie Campbell.....	424 48	
Mrs. A. Carey.....	425 00	
	<hr/>	

*Carried forward*..... \$1,698 98 \$37,646 17

## FINANCIAL STATEMENTS.

<i>Brought forward</i> .....	\$1,698 98	\$37,646 17
Miss H. Fraser.....	408 00	
“ Carrie Gray.....	418 75	
Mrs. E. A. Green.....	425 00	
Miss P. J. Johnston.....	405 26	
“ Emma Kennedy.....	399 00	
“ Kate Lemon.....	334 49	
“ Kate A. Scarlett.....	450 00	
“ Jane Smyth.....	500 00	
“ G. Stokes.....	424 00	
“ Maria Woods.....	425 00	
		5,888 48

## JUNIOR THIRD BOOK CLASS.

Mrs. J. S. Arthurs.....	\$450 00	
Miss A. Chambers.....	399 50	
Mrs. M. A. Fitzgerald.....	400 00	
Miss M. Frazer.....	400 00	
“ A. Frisby.....	398 00	
“ M. Gunn.....	400 00	
“ H. How.....	400 00	
“ M. J. Hunter.....	400 00	
Mrs. L. Leadley.....	399 50	
“ E. Lilly.....	397 50	
“ J. A. McBrien.....	394 50	
“ M. A. McDonald.....	380 24	
Miss S. McKenzie.....	400 00	
“ I. Mearns.....	400 00	
“ M. Newton.....	388 00	
Mrs. G. Riches.....	450 00	
“ K. Rowland.....	425 00	
Miss A. Sims.....	400 00	
“ H. Somerville.....	400 00	
		7,682 24

## SENIOR SECOND BOOK CLASS.

Mrs. J. N. Agnew.....	\$373 00	
Miss K. M. Allan.....	371 00	
Mrs. J. S. Balmer.....	375 00	
“ C. Brechon.....	371 50	
Miss T. Carlyle.....	372 00	
“ E. J. Church.....	374 50	
“ A. Freeman.....	371 50	
“ A. A. Gray.....	333 08	
“ J. Gunn.....	375 00	
“ C. Jackson.....	336 74	
<i>Carried forward</i> .....	\$3,653 32	\$51,216 89

FINANCIAL STATEMENTS.

<i>Brought forward</i> .....	\$3,653 32	\$51,216 89
Miss L. Lumsden.....	374 00	
“ M. Sefton.....	374 50	
“ M. B. Smith.....	375 00	
“ C. J. Watson.....	373 50	
“ M. A. Westman.....	375 00	
		5,525 32

JUNIOR SECOND BOOK CLASS.

Mrs. A. F. Armour.....	\$347 00	
Miss L. Cornor ..	348 50	
“ L. Gellatly ..	346 00	
“ G. Grant.....	350 00	
“ E. R. Gray ..	348 00	
“ L. Kessack ..	287 26	
Mrs. M. McCuaig.....	349 00	
Miss L. Payne ..	350 00	
“ E. Y. Sams ..	350 00	
“ A. M. Sefton.....	350 00	
Miss M. Spence ..	350 00	
Mrs. M. Steward ..	350 00	
Miss L. S. Taylor.....	350 00	
“ E. C. Thompson ..	350 00	
Mrs. S. E. Wallace.....	346 20	
Miss M. L. Williamus ..	347 00	
		5,518 96

SENIOR FIRST BOOK CLASS.

Miss I. Brown ..	\$324 50	
“ E. M. Chadwick.....	325 00	
“ F. A. Cheney ..	324 50	
“ E. Foulds ..	325 00	
“ A. S. Gray ..	325 00	
“ S. Hagarty ..	325 00	
“ F. Martin ..	325 00	
“ M. J. McCally.....	324 50	
“ A. McIntyre.....	319 00	
“ M. Milne ..	323 50	
“ M. Mullen.....	325 00	
“ B. Sims ..	325 00	
“ F. Sims ..	322 00	
“ L. Slater ..	325 00	
“ M. F. Spence ..	316 00	
“ L. Sturrock ..	256 91	
“ F. Thompson ..	324 00	
		5,434 91

*Carried forward*..... \$67,696 08

*Brought forward*.....

\$67,696 08

## JUNIOR FIRST BOOK CLASS.

Miss J. Anderson.....	\$331 50
" L. Anderson.....	324 00
Mrs. J. E. Bell.....	325 00
Miss A. Black .....	325 00
" P. Black .....	325 00
" E. Bolton .....	317 50
" L. E. Briant .....	216 64
" J. F. Brown .....	325 00
" I. Campbell .....	324 50
" J. Carlyle .....	324 00
" H. Clarkson .....	325 00
Mrs. L. Coad.....	104 68
Miss L. Dickenson .....	325 00
Mrs. J. Greer .....	325 00
Miss E. Langton .....	325 00
" M. Logan .....	325 00
Mrs. S. L. Lowry .....	67 74
Miss A. McKee .....	325 00
" F. McKee .....	321 00
" J. Mark.....	323 50
" A. S. Martin.....	325 00
" I. Nudel.....	325 00
" M. Ritchie.....	324 50
" S. E. A. Scobie .....	325 00
" M. Smyth .....	335 00
" I. V. Straubel .....	322 00
" B. M. Wallace.....	325 00
" A. T. Waterson .....	324 50

8,511 06

Miss B. Gunn, Drawing Teacher.....	\$500 00
Occasional Teachers.....	1,296 50

1,796 50

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 Total of Item No. 3..... \$78,003 64

APPENDIX D.

*Statement of Premiums of Insurance paid, as given in one sum in Item No. 5, in Annual General Statement.*

Imperial Insurance Company.....	\$160 80
Sovereign " " .....	112 00
Queen City " " .....	108 80
Northern " " .....	89 60
British American " " .....	88 00
Western " " .....	88 00
Phoenix " " .....	25 00
Total of Item No. 5.....	<u>\$672 20</u>

APPENDIX E.

*Statement in Detail of Expenditure on Night Schools, as given in one sum in Item No. 6, in Annual General Statement.*

Salaries of Teachers .....	\$1,649 00
Salaries of Caretakers.....	218 75
Gowans & Kent, Furnishing Brackets, Lamps, Chimnies, &c....	145 18
J. N. Richards & Co., Coal Oil, Chimnies, &c.....	12 40
N. L. Piper & Son " " " " .....	40 23
C. & J. Murray " " " " .....	5 15
J. Sloan, Hanging Lamps.....	8 10
J. Lang, Lamp Shades.....	9 10
J. Philips, Coal Oil.....	4 12
C. Jones " " .....	2 18
J. Curtis, Hanging Lamps.....	2 50
Total of Item No. 6.....	<u>\$2,096 71</u>



APPENDIX G.

*Statement in Detail of Miscellaneous Expenditure, as given in one sum in Item No. 10, in Annual General Statement.*

Trustee Elections, Returning Officers, Fees, Rent of Polling Booths, &c.....	\$275 45
Entrance Examinations, Collegiate Institute.....	110 00
Kerr & Anderson, Rent of Mission Church, Markham Street, for School Purposes.....	100 00
A. W. Goldsmith, Rent of Church adjoining Elizabeth Street School, for School Purposes.....	148 00
J. G. Owens, Engrossing Resolution to Dr. G. Wright, the retiring Chairman.....	25 00
J. T. Thompson, Truant Officer Bonus.....	50 00
C. R. Woodland, Messenger ".....	50 00
London & Paris House, Clock for Board Room.....	18 00
Gas Account, for Board Room and Office.....	16 85
H. Pellatt, for use of Pavilion, Horticultural Gardens, for Annual Meeting.....	10 00
Mason, Risch & Co., Piano.....	5 00
Cab Hire, &c., for Distribution of Jesse Ketchum Prizes.....	20 50
Cab Hire for Funeral of the late Hon. George Brown.....	15 50
Bill Posting, H. Jackman, \$9.00; W. Tozer, \$2.50.....	11 50
W. H. Sparrow, Filter for Offices.....	7 00
G. Pearsall, Lawn Mower, Wellesley School.....	7 75
W. Briscoe, Wheelbarrow for Ryerson School.....	6 00
J. Creys, Wheelbarrows for Louisa and John Street Schools.....	10 00
Expenses of Committee, Measuring and Inspecting Wood.....	11 30
Cartage and Expressage.....	20 47
C. R. Woodland, Superintending Stove Cleaning, &c.....	10 00
J. T. Thompson, Street Car Tickets.....	3 00
Inspector's Postage, P.O. Box, &c.....	12 29
Secretary's " ".....	16 50
S. S. Cann, Ice for Board Room and Offices.....	3 75
E. Davis, Step-ladder.....	3 00
Cab Hire for Committees, &c.....	11 50
Might & Taylor, Directory.....	2 50
Elliot & Co., Oxalic Acid.....	2 80
Hart & Rawlinson, Sundries.....	3 95
Sundries.....	1 75
<b>Total of Item No. 10.....</b>	<b>\$989 36</b>

**SECRETARY'S VALUATION OF SCHOOL  
PROPERTY.**

*Secretary's Statement of the Estimated Value of the School Premises,  
Sites, Buildings, Furniture, &c., belonging to the Public School  
Board of the City of Toronto, at the 31st December, 1880.*

SCHOOLS.	SITES.	BUILDINGS.	TOTAL.
Park .....	\$2,500	\$ 9,000	\$11,500
Parliament Street. ....	4,500	10,500	15,000
Winchester " .....	4,500	13,000	17,500
Dufferin .....	8,000	21,000	29,000
George Street. ....	3,500	10,500	14,000
Palace " .....	1,500	6,000	7,500
Leslieville. ....	500	3,500	4,000
Victoria Street. ....	5,000	11,000	16,000
Church " .....	4,000	10,500	14,500
John " .....	4,000	15,000	19,000
York " .....	5,500	14,500	20,000
Niagara " .....	4,000	13,000	17,000
Louisa " .....	3,500	12,500	16,000
Elizabeth " .....	2,500	6,000	8,500
Wellesley " .....	5,000	27,000	32,000
Phoebe " .....	4,000	16,000	20,000
Borden " .....	1,000	5,500	6,500
Ryerson .....	7,000	23,000	30,000
Bathurst Street. ....	2,000	10,500	12,500
Givens " .....	1,500	8,000	9,500
Lake View Avenue. ....	3,000	....	3,000
Hope Street. ....	2,500	....	2,500
	<u>\$79,500</u>	<u>\$246,000</u>	<u>\$325,500</u>
Furniture, School Apparatus, &c., say .....			20,000
<b>Total estimated Value of School Property .....</b>			<b>345,500</b>

Certified,

W. C. WILKINSON,

*Secretary.*