

ANNUAL REPORT
OF THE
INSPECTOR
OF THE
PUBLIC SCHOOLS
OF THE
CITY OF TORONTO
FOR THE
YEAR ENDING DECEMBER 31ST, 1887.

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1888.

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MEMBERS OF THE PUBLIC SCHOOL BOARD

1887.

C. A. B. BROWN, CHAIRMAN.

Ward of St. Lawrence :

E. WESTMAN. J. B. HENDERSON.

Ward of St. David :

E. P. RODEN. R. A. PYNE, M.D.

Ward of St. Thomas :

R. B. HAMILTON. F. S. SPENCE.

Ward of St. James :

WALTER S. LEE. R. S. BAIRD.

Ward of St. John :

GEORGE BOXALL. F. SOMERS.

Ward of St. Andrew :

J. KERR. S. WILLCOCK.

Ward of St. George :

C. A. B. BROWN. GEO. MCMURRICH.

Ward of St. Patrick :

W. W. OGDEN, M.D. H. A. E. KENT

Ward of St. Paul :

C. H. BISHOP. GEO. VAIR.

Ward of St. Stephen :

A. R. DENISON. G. DOWNARD.

Ward of St. Matthew :

P. MACDONALD. W. B. POULTON.

Ward of St. Mark :

H. MEREDITH. W. BELL.

OFFICERS OF THE BOARD.

1887.

Chairman :

C. A. B. BROWN.

Secretary-Treasurer :

W. C. WILKINSON.

Inspector :

JAMES L. HUGHES.

Inspector's Assistant :

H. BROWNE.

Solicitor :

W. B. McMURRICH, M.A.

Drill Instructor and Absentee Officer :

CAPT. J. T. THOMPSON.

PAST CHAIRMEN

—OF THE—

PUBLIC SCHOOL BOARD.

| | |
|-----------------------------------|-------------------------|
| JOSEPH WORKMAN, ESQ., M.D..... | 1850, 1851, 1852 |
| J. G. BEARD, ESQ | 1853 to 1864, inclusive |
| HON. JOHN McMURRICH..... | 1865, 1866, 1867, 1870 |
| JOHN BAXTER, ESQ..... | 1868, 1869 |
| H. H. WRIGHT, ESQ., M.D..... | 1871, 1872 |
| E. COATSWORTH, ESQ..... | 1873 |
| WALTER S. LEE, ESQ..... | 1874, 1875 |
| W. W. OGDEN, ESQ., M.D..... | 1876, 1877 |
| GEO. WRIGHT, ESQ., A M., M.B..... | 1878, 1879 |
| JAMES BAIN, ESQ..... | 1880, 1881 |
| E. GALLEY, ESQ..... | 1882, 1883 |
| F. JOHNSTON, ESQ..... | 1884 |
| E. P. RODEN, ESQ..... | 1885 |
| G. McMURRICH, ESQ..... | 1886 |
| C. A. B. BROWN, ESQ..... | 1887 |

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-eighth 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 22,080. Last year it was 20,213.

The average daily attendance was 14,840. Last year it was 13,642.

873 pupils attended school less than 20 days.

| | | | | |
|--------|---|---|---|-------------------------|
| 2,115 | " | " | " | between 20 and 50 days. |
| 4,462 | " | " | " | 50 " 100 " |
| 3,933 | " | " | " | 100 " 150 " |
| 10,697 | " | " | " | 150 " 200 " |

The Average Monthly Registered Number was 16,874. This shows an increase compared with last year of 1,511. (See Table A.)

The average of Monthly Average Numbers was 14,838. This shows an increase of 1,196 when compared with the corresponding number of last year. (See Table B.)

The average of Monthly Averages was 87.9 per cent. of the Average of Monthly Registered Numbers.

The best average for any month in the year was 90.3, the average for December.

The largest number was registered in October, 17,510, and the smallest number in June, 16,096.

The following statement shows the Average Registered Number in each school during the year :

| SCHOOLS. | Average Registered No. | No. of Teachers. | Average per Teacher. |
|---------------------|---------------------------|---------------------|-------------------------|
| Dufferin..... | 1121 | 18 | 62 |
| Ryerson | 1060 | 18 | 59 |
| Wellesley | 1006 | 16 | 63 |
| J. Ketchum | 891 | 14 | 64 |
| Givins' Street..... | 912 | 16 | 57 |
| Hope " | 815 | 13 | 63 |
| Bolton Ave..... | 759 | 12 | 63 |
| Phœbe Street..... | 688 | 12 | 57 |
| Victoria " | 735 | 12 | 61 |
| Bathurst " | 591 | 10 | 59 |
| John " | 607 | 10 | 60 |
| Niagara " | 625 | 10 | 62 |
| Borden " | 691 | 10 | 69 |
| Church " | 515 | 9 | 57 |
| Elizabeth " | 415 | 9 | 46 |
| Louisa " | 448 | 9 | 50 |
| Park | 547 | 8 | 68 |

| SCHOOLS. | Average Registered No. | No. of Teachers. | Average per Teacher |
|---------------------------|---------------------------|---------------------|------------------------|
| Winchester Street..... .. | 509 | 8 | 64 |
| Brant " | 388 | 6 | 65 |
| George " | 321 | 6 | 53 |
| Parliament " | 442 | 7 | 63 |
| Rose Ave..... .. | 340 | 5 | 68 |
| Brock " | 235 | 4 | 59 |
| Dewson Street..... .. | 216 | 4 | 54 |
| Morse " | 271 | 4 | 68 |
| Palace " | 269 | 4 | 67 |
| York " | 249 | 4 | 62 |
| Cottingham Street..... .. | 164 | 2 | 82 |
| Leslie " | 65 | 2 | 32 |
| Mabel " | 129 | 2 | 64 |
| Spadina Ave. | 138 | 2 | 69 |
| Howard Street. | 50 | 1 | 50 |
| Orphans' Home | 145 | 2 | 77 |
| College Ave..... .. | 111 | 2 | 55 |
| Boys' Home | 107 | 1 | 107 |
| Girls' " | 50 | 1 | 50 |
| Sackville Street..... .. | 84 | 2 | 42 |
| Euclid Ave..... .. | 165 | 3 | 55 |

ATTENDANCE IN THE VARIOUS CLASSES.

The registered number in attendance during the year in the different classes was as follows :

| | |
|--------------------|-------|
| First Book..... .. | 9,744 |
| Second " | 4,856 |
| Third " | 4,162 |
| Fourth " | 2,428 |
| Fifth " | 890 |

The increase in the various classes compared with last year is as follows :

| | |
|-----------------|-----|
| First Book..... | 983 |
| Second “ | 210 |
| Third “ | 374 |
| Fourth “ | 219 |
| Fifth “ | 81 |

I expect the increase above the second book to be proportionally more rapid in future.

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 has 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 are awarded to such pupils as have fulfilled the above-named conditions for two consecutive sessions.

The Second Honor Certificates are 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 1887 :

| SCHOOLS. | First Honor. | Second Honor. | Total. |
|------------------------|-----------------|------------------|--------|
| Dufferin..... | 207 | 330 | 537 |
| Ryerson..... | 207 | 316 | 523 |
| Wellesley | 210 | 362 | 572 |
| J. Ketchum | 110 | 235 | 345 |
| Givins' Street..... | 120 | 180 | 300 |
| Hope " | 107 | 171 | 278 |
| Bolton Ave..... | 107 | 179 | 286 |
| Phoøbe Street..... | 112 | 119 | 231 |
| Victoria " | 111 | 206 | 317 |
| Bathurst " | 119 | 155 | 274 |
| John " | 96 | 159 | 255 |
| Niagara " | 73 | 139 | 212 |
| Borden " | 76 | 163 | 239 |
| Church " | 58 | 129 | 187 |
| Elizabeth " | 59 | 108 | 167 |
| Louisa " | 45 | 90 | 135 |
| Park | 133 | 170 | 303 |
| Winchester Street..... | 58 | 162 | 220 |
| Brant " | 50 | 76 | 126 |
| George " | 28 | 70 | 98 |
| Parliament " | 51 | 125 | 176 |
| Rose Ave | 24 | 87 | 111 |
| Brock " | 36 | 42 | 78 |
| Dewson Street | 24 | 49 | 73 |
| Morse " | 46 | 59 | 105 |
| Palace " | 24 | 70 | 94 |
| York " | 20 | 50 | 70 |
| Cottingham" | 19 | 30 | 49 |
| Leslie " | 7 | 15 | 22 |
| Mabel " | 16 | 36 | 52 |
| Spadina Ave..... | 12 | 52 | 64 |

| SCHOOLS. | First Honor. | Second Honor. | Total. |
|-----------------------|-----------------|------------------|--------|
| Howard Street | 4 | 15 | 19 |
| College Ave..... | 2 | 8 | 10 |
| Sackville Street..... | 2 | 13 | 15 |
| Euclid Ave | 4 | 46 | 50 |
| Total..... | 2377 | 4216 | 6593 |

THE KINDERGARTENS.

The interest in Kindergarten work continues to increase. During the year the work originally begun in Toronto has been made Provincial in character. The Education Department has instituted an examination for the granting of diplomas to those qualified as Directresses or Assistants. The training class conducted in connection with our Public Schools has been officially recognized by the Department, and I am glad to be able to report that all the ladies engaged in our work succeeded in obtaining Provincial diplomas.

The following ladies trained in our Kindergarten class passed the Provincial examination :

JUNE, 1887.

Directresses.

K. Berkinshaw,
R. Campbell,
L. Currie,
E. Dawkins,
A. Fortune,
C. Lawson,
B. Nudel,
M. Paterson,
K. Rankin,
M. Winchester.

Assistants.

J. Armstrong,
L. Bolton,
F. Bain,
F. Dawkins,
J. E. Glassford,
M. Gowans,
E. A. Hegler,
C. Howard,
M. Johnstone,
D. Nunn,
E. Readman,
D. Walton,
H. Walton.

DECEMBER, 1887.

Directresses.

F. Dawkins,
J. E. Glassford,
D. Walton,

Assistants.

H. Breckenridge,
M. Duff,
J. Hunt.

The Board of Trustees having decided to open three new Kindergartens, they will now be distributed fairly throughout the city, and I strongly urge my former recommendation that the material used by the pupils be supplied by the School Board instead of by the individual children. This plan would be much more convenient and economical; and the children of the poorest classes, those who need the Kindergarten training most, would be able to attain the Kindergartens. Many of them cannot do so at present.

The attendance at the Kindergartens during the year was as follows :

| SCHOOLS. | Registered. | Average. |
|-------------------------|-------------|----------|
| 1. Victoria Street..... | 59 | 48 |
| 2. Niagara " | 58 | 49 |
| 3. College Ave..... | 40 | 28 |
| 4. Bolton Ave | 66 | 49 |
| 5. Jesse Ketchum..... | 71 | 53 |
| Total..... | 294 | 227 |

NIGHT SCHOOLS.

The total number registered during the year is as follows :

| SCHOOLS. | Males. | Females. | Totals. |
|------------------------|--------|----------|---------|
| Parliament Street..... | 184 | 65 | 249 |
| Elizabeth " | 94 | 64 | 158 |
| Niagara " | 109 | 35 | 144 |
| Bathurst " | 214 | 53 | 267 |

| | | | |
|------------------------|------|-----|------|
| J. Ketchum..... | 82 | 34 | 116 |
| Brock Ave..... | 33 | — | 33 |
| Bolton “ .. | 164 | 64 | 168 |
| Givins' Street | 81 | 14 | 95 |
| John “ | 90 | 59 | 149 |
| Winchester Street..... | 70 | 43 | 113 |
| Total..... | 1061 | 431 | 1492 |

The average attendance for the year was :

| SCHOOLS. | Males. | Females. | Totals. |
|------------------------|--------|----------|---------|
| Parliament Street..... | 96 | 38 | 134 |
| Elizabeth “ | 60 | 34 | 94 |
| Niagara “ | 46 | 15 | 61 |
| Bathurst “ | 92 | 24 | 116 |
| J. Ketchum | 46 | 16 | 62 |
| Brock Ave | 20 | — | 20 |
| Bolton “ | 43 | 36 | 79 |
| Givins' Street..... | 59 | 9 | 68 |
| John “ | 53 | 28 | 81 |
| Winchester Street..... | 39 | 25 | 64 |
| Total..... | 554 | 225 | 779 |

The average attendance for each month was :

| SCHOOLS. | Jan. | | Feb. | | Oct. | | Nov. | | Dec. | |
|------------------------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|
| | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. |
| Parliament Street..... | 74 | 31 | 65 | 28 | 118 | 46 | 123 | 48 | 108 | 39 |
| Elizabeth “ | 51 | 29 | 60 | 31 | 63 | 24 | 74 | 21 | 53 | 45 |
| Niagara “ | 43 | 10 | 20 | ..... | 63 | 18 | 55 | 18 | 47 | 16 |
| Bathurst “ | 65 | 19 | 53 | 17 | 122 | 36 | 121 | 27 | 100 | 20 |
| J. Ketchum..... | 31 | ..... | 21 | ..... | 55 | 15 | 55 | 18 | 51 | 16 |
| Brock Ave | 21 | ..... | 16 | ..... | 20 | ..... | 22 | ..... | 22 | ..... |
| Bolton “ | 21 | 21 | 9 | 28 | 66 | 47 | 62 | 46 | 58 | 40 |
| Givins' Street..... | ..... | ..... | ..... | ..... | 65 | 9 | 62 | ..... | 51 | ..... |
| John “ ..... | ..... | ..... | ..... | ..... | 56 | 28 | 56 | 29 | 46 | 26 |
| Winchester Street..... | ..... | ..... | ..... | ..... | 42 | 18 | 45 | 28 | 31 | 29 |
| Total..... | 306 | 110 | 244 | 104 | 670 | 241 | 675 | 255 | 567 | 231 |

It will be noticed that the above statistical table includes the last two months of the term 1886-7 and the first three months of the terms 1887-8. The wisdom of retaining the deposit of one dollar required from male students, till the end of the term, was fully demonstrated this year. Last year the average attendance decreased from 521 in November to 244 in February; this season the numbers for the corresponding months were 675 and 468 respectively.

TEACHERS.

There were 288 teachers in the employ of the Board at the close of the year, exclusive of the special teachers in Music and Drawing.

There were 30 male and 258 female teachers employed.

They hold certificates as follows :

| | |
|----------------------------|-----|
| 1st Class Provincial | 55 |
| 2nd " " | 223 |
| County Board | 10 |

In addition to the above the Board employs ten Kindergartners, two Music Teachers, one Drawing Superintendent, and one Drill Instructor.

TORONTO TEACHERS' INSTITUTE.

The Toronto Teachers' Institute held its First Semi-Annual Convention for 1887 in the Sunday School building of the Carlton street C. M. Church, on Friday and Saturday, 25th and 26th February, commencing at 9 a.m. each day.

PROGRAMME.

Friday.

- 9.00—9.10 a.m. Opening Exercises.
- 9.10—9.15 " Calling Roll of Teachers.
- 9.15—9.23 " Reading Minutes of last Semi-Annual and Special Meeting.

9.25—9.35 “ Reading communications and giving Notices of Motions.

9.35—12.00 “ Consideration of the Reports of the meetings of the Grades as revised by Committee.

2.00—4.45 p.m. A Round Table Conversation on Arithmetic.

Saturday.

9.00—9.10 a.m. Reading Minutes.

9.10—9.15 “ Treasurer's Report.

9.15—10.00 “ Election of Officers.

10.00—10.45 “ Music, (Lesson to a class), Mr. A. T. Cringan.

11.00—12.00 “ Alcohol, Mr. W. Cassidy.

12.00—12.30 p.m. Reports of Delegates to Provincial Association and General business.

The meetings by grades held during the month of October were as usual of a most interesting and instructive character. The teachers of the classes named below taught their classes as usual during the forenoon, while the visiting teachers made notes of the proceedings. The afternoons were devoted to a discussion of the methods practised during the forenoon.

The meetings were held as follows in October, 1887 :

| GRADE. | School Visited | Teacher of Class. | Date of Visit. |
|-------------------------------|----------------|-------------------|----------------|
| 5th Book | Dufferin | Mr. Byfield. | Oct. 10th |
| Sen. 4 h Book | J. Ketchum | Miss Sykes. | “ 11th |
| Jun. 4th “ | John | Miss Rogers. | “ 13th |
| Sen. 3rd “ | George | Mr. Clark. | “ 14th |
| Jun. 3rd “ | Parliament | Mr. Armstrong. | “ 17th |
| Sen. 2nd “ | Wellesley | Miss Sanderson. | “ 18th |
| Jun. 2nd “ | Phoebe | Miss McKee. | “ 20th |
| Sen. 1st “ (East) | Bolton | Miss Gray | “ 21st |
| Sen. 1st “ (West) | Hope | Miss Eagle. | “ 24th |
| Jun 1st “ (East) | Victoria K'g'n | Miss Currie. | “ 25th |
| Jun. 1st “ (Centre) | J. Ketchum “ | Miss Nudel. | “ 27th |
| Jun. 1st “ (West) | Niagara “ | Miss Hawkins. | “ 28th |

*Synopsis of Recommendations from Grade Conventions,
Toronto Teachers' Association, October, 1887.*

LINING, ETC.

1. Marking time is only a preliminary process to marching.
2. The lines should all move off together from the "Halt" at the word "March." No stamping should be allowed in marching.
3. Position in class should be erect during all school exercises.
4. Pupils should sometimes stand while working on slates and sit down when work is done.

OPENING EXERCISES.

1. Scripture readings might profitably relate to S. S. Lesson, with Golden Text repeated each day.
2. Other ways of reading might be adopted, as, the teacher alone or alternately with pupils, or boys and girls alternately.
3. Pupils should have their own Bibles.
4. Kindergarten "Good morning" songs are appropriate for junior classes.

ARITHMETIC.

1. Time tests should be given each day at such time as the teacher deems best.

They should be varied.

Individual habits should be occasionally tested.

Executive activity is the chief aim of "time tests."

2. Six methods of taking answers—

3. In map drawing, construction lines should be used only at beginning.

4. Map of school room and building should be the only map drawing for 9th division.

READING.

1. Gymnastic exercises in pronunciation, inflection, emphasis, etc., should frequently be practised.

2. In junior classes especially, phrase-reading should be largely made use of, to make proficient in articulation, emphasis, and expression.

3. Exercises most needed should be most used.

KINDERGARTEN WORK.

1. In this work there is definiteness without formality.

2. The development of body, intellect, and moral discernment, is simultaneously effected.

3. Social life is begun on a true basis.

4. Original invention is encouraged.

5. Individuality and imagination are developed.

6. Neatness, care, system, order, without unnecessary restraint, are prominent features, as well as the good alternation of play and work.

7. The following additional results may be noted—

Manual training is begun.

The senses of hearing, seeing, etc., are developed.

The pupils gain self-control, power to get knowledge, and power to use knowledge.

MISCELLANEOUS.

1. Prizes should not be offered where all are expected to compete and only two or three can win ; but the best efforts of all pupils should, as far as possible, be recognized and rewarded.

2. Pupils who get full marks should be marked No. 1 on their monthly reports to parents, *e.g.*, if five get full marks each will be No. 1, and the sixth will be No. 6, etc.

3. Pupils should not rise to receive visitors, unless addressed by the latter.

4. Teachers should prepare work so that there should be no hesitation or indefiniteness in starting to work.

5. Teachers might exchange questions with profit.

6. In addition to marks received at examination, length of time in a room, and ability to acquire knowledge, should be considered in making promotions.

7. The school-room should be decorated by the children themselves as far as possible.

8. Commands should be brief, decided, and definite.

9. The powers of imagination and originality should be cultivated in all classes.

10. Special lessons should be given to develop special senses.

MANUAL TRAINING AND INDUSTRIAL EDUCATION.

I. THE ADVANTAGES OF INDUSTRIAL EDUCATION.

1.—*Socially.*

(1.) It gives to every man what he is clearly entitled to receive ; such an education as will best fit him for the proper performance of his duties in whatever sphere he may labor. The great majority of our pupils will have to earn the means of livelihood and culture for themselves and their families by using their hands. It is therefore of the utmost importance to give them a careful and definite training calculated to develop hand-skill and power. Every man, whatever his position in life, will find it to his advantage to have such a training. I do not urge this as the highest aim of an educational system, but claim that it should be one of the aims of a broad and thorough system of public education. It is a narrow view that aims to make the practical or utilitarian idea the predominant feature of an educational system ; it is a still narrower view that excludes all that is distinctively utilitarian, especially when it is educational as well as practical.

(2.) The system of apprenticing has been discontinued. It was not in harmony with modern tastes or customs, and as Adam Smith long ago showed, it was opposed to the principles of political economy. He said, "It interfered with the property which every man has in his own labor, encroached on the liberty of employer and employee, restrained competition, continued for an unnecessary length of time, and failed to allow the rewards of faithful labor to be enjoyed as they were earned." Undoubtedly the best way to make up for the lack of training by apprenticeship is by means of a comprehensive system of industrial and manual training.

3. Improving the mechanical skill of the industrial classes must add largely to the wealth and prosperity of a nation. It does so in two ways, by saving time, and by increasing the value of the articles produced.

4. The great increase in the use of delicate and intricate machinery in manufacturing, demands a more thorough industrial and technical training on the part of those who are to use the machines.

5. The number and variety of artistic manufactures are constantly increasing, and consequently workmen and workwomen specially need skilful fingers that can adapt themselves to any work they may be called upon to perform.

6. The wealthier classes are calling for a higher style of ornamental woodwork in their houses, and for furniture more artistic in construction and design. Machine-made articles are turned out in large numbers, exactly similar in design. Those who can afford to do so are trying to get special articles of which no one can procure copies or reproductions. They have to pay higher prices for them, but they gladly do so. The demand for such work is rapidly increasing. Tradesmen and mechanics of all classes are compelled to vary their workmanship continually. Those who best succeed in doing so, earn most money, and earn it most easily. All workmen would be aided in doing so by systematic manual training.

7. It will increase the prosperity of the working classes, and will elevate their social position. If a workman can by a higher degree of skill produce a more valuable article than he could otherwise do from a certain amount of raw material, he increases his own value to his employer, and will receive higher wages.

8. Working in school will give pupils a greater respect for work. Many children are allowed to grow up with a contempt for work. They usually become in some way a burden to society. Gaol statistics show that three fourths of the young men who fall into criminal courses are unable to work at any trade. The only way to make children realize that "all labor is noble and holy" is to train them all, rich and poor alike, to be able to work with their hands. This will not necessarily make them all mechanics.

2.—*Educationally.*

(1.) The power to give attention properly is acknowledged to be the foundation of intellectual progress. Attention may be receptive, investigative, or executive in its character. It is receptive when the pupil is receiving knowledge communicated by another, it is investigative when the pupil searches independently for knowledge; it is executive when the pupil is working out or applying principles which he already understands. Executive attention is by far the most important kind of attention, and this is one of the powers specially developed by manual work, when the pupil is guiding his own hands in accomplishing some definite purpose with material things.

(2.) Original power is developed by working with real things more readily than in any other way. This was one of the chief intellectual aims of Froebel in founding the Kindergarten. The importance of this power cannot be over estimated. Its cultivation improves every department of art and manufacture, but its best influence is seen in the strengthening of true independence of character.

(3.) "We learn by doing." We know most clearly what we have translated into activity, or represented in material form. The expression of an idea in material form defines our thought. The

mind guides the hand, the definite action of the hand re-acts upon the mind.

(4.) It applies knowledge as it is gained. Giving a child knowledge beyond his ability to use it, weakens him intellectually, and reduces his power as an active agent. School work has unquestionably been weak in this respect in the past. It has aimed to give the pupil knowledge, and sometimes to give him power to gain knowledge. This leaves the most important step out of the circle of intellectual activity. The child should be trained to observe, think, decide, and execute his decisions. He must do all these in manual work. No mind but his own can guide his hand. In order to guide his hand, his mind must complete the circle of intellectual process. The repetition of this completed mental process, many times a day, defines and strengthens all his intellectual powers, and most important of all, it strengthens his will activity.

(5.) Children should deal chiefly with real things during the first year of school life. They have been learning very rapidly before they come to school, by handling the various real things with which they have come in contact, they should continue to do so for a time after they come to school. The school should make this work definite and systematic by supplying the child with the materials best calculated to develop his intellectual as well as his industrial powers.

(6.) The moral effects of such training are good. Improving a workman's position will make him more contented and happy. It will better the relationship between master and workmen, and improve the character of the work done. Success will induce a workman to make greater efforts and will enable him to surround himself and his family at home with many of the things that lead to culture and refinement. Manual training has also a direct

moral influence in moulding the characters of the children. They are naturally destructive in their tendencies, but the same instinct which leads them to be destructive, will, if they are properly guided make them take delight in work of a productive character. It is a most important part of a child's moral training to make him constructive instead of destructive ; and making things, under the guidance of a skilled teacher is the best means of accomplishing this desirable end.

(7.) Hand-work affords a desirable change from the ordinary routine of school work. Change of work gives the best rest during waking hours. Lengthening the time devoted daily to study does not necessarily increase the amount of work accomplished, but on the contrary, if continued beyond the proper limit, it retards intellectual progress and dwarfs intellectual growth.

(8.) It satisfies the child's natural desire for activity, and directs it into proper channels. Evil is the result of power misused. It is therefore vitally important to have the natural instincts of childhood directed to right and productive purposes. "Self activity is the way to morality."

(9) It arouses and stimulates powers that without its instrumentality would lie dormant or be used for wrong purposes. This is one of its most important educational effects.

Whatever form of manual or industrial training may be adopted I urge that the chief reasons for giving it a place on the school programme should be educational rather than practical. Hand-work merits recognition in school chiefly as a means of intellectual and moral culture.

II. PRINCIPLES THAT SHOULD GUIDE SCHOOL BOARDS IN DECIDING WHAT FORM OF MANUAL OR INDUSTRIAL TRAINING TO INTRODUCE, AND THE TIME FOR TEACHING IT.

1.—It should begin early.

(a.) Because it is identical in character if not in extent and definiteness with the work the child has been doing in his play life before going to school.

(b.) Because the hands of young children are easily trained. It would be a great mistake to postpone the work to a time when the fingers had to a certain extent lost their marvellous susceptibility to training and adaptation to varied kinds of work.

(c.) Because this kind of work helps to bridge over the gulf, commonly, existing between the conditions of the child in the home and in the school. The minds of most children are injured by the suddenness of the transition from the realities and sense perceptions of the home, the garden and the field to the abstractions and obscure conceptions of the school room.

2. The material used should be inexpensive.
3. It should be suitable for use by boys as well as girls. All classes of society and both sexes should share in its benefits.
4. It should be interesting in character, and calculated to make pupils take delight in it.
5. The products of the work should as far as possible be available for use.
6. The work should tend to develop general industrial skill, instead of skill in some particular industry.
7. The work should be so conducted as to produce the best results in regard to general education.

III. MISTAKES COMMONLY MADE IN REGARD TO INDUSTRIAL WORK IN SCHOOL.

1. Girls alone have received the training. Sewing is the only work generally adopted in Public Schools. Boys need the

training as much as girls both intellectually and industrially. Girls usually get more hand training at home than boys do ; it is clearly wrong to neglect the boys both at home and at school.

2. Attempts have been made to teach special trades. This is unfair, because it leaves the girls out of consideration ; it is also unjust because it pre-disposes the pupils towards certain trades. The school has no right to do this. It should fit a boy for greater success in any department of life work, but it should in no way place limitations around him.

3. Manual training is not given early enough in the school course. It should not be reserved for a favored few. In order that all may receive a share of its advantages it must begin in the lowest grades.

IV. VARIOUS AGENCIES FOR SPECIAL INDUSTRIAL TRAINING.

1. *Technical Schools.* Throughout Europe, especially in Germany, France, England and Switzerland, Technical Schools have long been conducted for higher scientific education, usually with the direct aim of its application to some special department of manufacture or for the purpose of qualifying the students for higher success in some particular field of human labor. The School of Technology in Toronto may serve as an illustration of this class of schools. They are clearly beyond what is included in a Public School Course as that term is understood in Ontario.

2. *Manual Training Schools.* The name "Manual Training School" was first used by Dr. Woodward, director of the Manual Training School of Washington University, St. Louis. The name was chosen from a number of others which I give, as they serve to show the general aim of these schools : "Mechanical School, Hand-and-Head-Work School, Technical School, Industrial School, Trade School, Hand-Trade School, Skilled Labor School, School of Industrial Arts, or Manual Training School."

These schools aim to give a systematic and thorough course of practical work with the tools for working in wood and iron, with a corresponding course of study in related subjects. The following course of study in St. Louis Manual Training School may be taken as a specimen of all. Toledo adds a special course for young women in Domestic Economy including boiling, broiling, baking, frying, marketing, garment cutting and making, millinery, etc.

ST. LOUIS MANUAL TRAINING SCHOOL COURSE OF STUDY.

FIRST YEAR CLASS.

Arithmetic completed. *Algebra*, to equations.

English Language, its structure and use. Study of selected pieces. History of the United States.

Latin Grammar and Reader, may be taken in place of English History.

Huxley's Introduction to Science. Physical Geography. Botany.

Drawing, mechanical and free-hand. *Penmanship.*

Carpentry and Joinery. Wood-carving. Wood-turning.

SECOND YEAR CLASS.

Algebra, through quadratics. *Geometry* begun.

Natural Philosophy. Experimental work in the physical laboratory. Principles of mechanics.

English Composition and Literature. Rhetoric. English History.

Latin (Cæsar), may be taken in place of rhetoric or history.

Drawing.—Line-shading and tinting, machines, development of surfaces, free-hand detail drawing, isometric projections.

Forging.—Drawing, upsetting, bending, punching, welding, tempering ; pattern-making, moulding, soldering.

THIRD YEAR CLASS.

Geometry continued. *Plane Trigonometry.* *Mensuration.*
English Composition and Literature. *History.* *Elementary*
Political Economy.

French or German, may be taken in place of English and History, or in place of the Science study.

Physiology. *Elements of Chemistry.* *Book-keeping.* Students who have taken Latin, and who intend to enter the Polytechnic School after completing the course in this School, will take history in place of physiology, chemistry, and book-keeping.

Drawing.—Brush-shading, shadows, geometrical problems, architecture, machines.

Work in the Machine Shop.—Bench work and fitting, turning, drilling, planing, screw-cutting, etc. Study of the steam engine.

Manual Training Schools are in operation in St. Louis, Chicago, Toledo, New York, Boston, Baltimore, Philadelphia, Cincinnati, Cleveland, Omaha, Denver, New Haven, New Orleans and a few other places.

I have had the pleasure of visiting those in St. Louis and Chicago. They are magnificent institutions doing a great work, but they are beyond the range of *Public School work. They are the High Schools and Universities of hand training. Several of the above named schools are in connection with Universities. The fact that in such a city as St. Louis, or Chicago, there is only one Manual Training School, shows that the work is not within the educational limitations of Public School Boards in Ontario. It should very properly be made a department of High School and University work, without loss, but with much advantage, to the departments of culture.

*"Public Schools" are understood in Ontario to mean the Schools below the High Schools.

3.—*Workshop Schools.*

These are rooms in connection with the ordinary Public Schools in which pupils are trained systematically in the use of the hammer, saw, plane, chisel and other working tools.

4.—*General Agencies.*

By these I mean drawing, sewing, knitting, modeling and similar occupations that may be carried on in the ordinary school-room as part of the regular programme of school work.

V. MANUAL AND INDUSTRIAL TRAINING ALREADY DONE IN TORONTO.

1.—*The Kindergarten work.*

The Industrial work of the Kindergarten is by no means its most important department. However, the industrial work of the Kindergarten is very comprehensive and thorough and it should form the basis of all manual and industrial training. This work is now done efficiently in our Public School Kindergartens.

2.—*Needlework.*

Our programme in this subject is progressive and comprehensive. It is as follows :—

| | | |
|--|--|---|
| Sr. I. Threading Needles and Sewing on Card-board. | Jr. II. Sewing on Buttons. Folding, Tacking Seam- ing as in Patchwork. | Sr. II. Hemming as in a Handkerchief. |
| Jr. III. Running, Hemming as in a Gored Apron. Knitting 2 Needles a Plain Strip. | Sr. III. Felling as Scrap-Bag, or Toilet-Bag. Knitting 4 Needles as a Ribbed Cuff. | Jr. IV. Gathering and Stroking. Sewing a Band as in a Gathered Apron. Knitting a Plain Mit. |
| Sr. IV. Mending, Patching, Darning. Knitting a Ribbed Mit. | Jr. V. Button-Holing, Stitch- ing. Cutting Plain Gar- ments. | Sr. V. Cutting and Making Children's Dresses from Patterns. |

Boys as well as girls take part in this work in the junior classes.

3.—*Drawing.*

The course in this subject is graded from the Kindergarten to the highest class, and is of great educational value in training the hand to execute the purposes of the mind in a definite manner.

4.—*Modelling of Maps, &c.*

The making of relief maps is a most valuable exercise practice for teaching geography and training the hand. Our pupils make maps with putty, plaster, wax, &c.

5.—*Whittling and Gimlet work.*

A considerable amount of training may be accomplished with even these primitive tools. The articles shown at the Industrial Exhibition, manufactured by our pupils show that there is scope for much practical work with the ordinary jack-knife. Such work is extensively practiced in the Public Schools of France. In addition to rude carving, our boys might be trained to make very good joints with their knives alone. They have in some classes cut good raised maps, and in others the boys have made the wooden needles used in their knitting, while in others the simple article of school apparatus and appliances have been made in this way. In several places pretty brackets, flower racks, &c., have been cut from the wood of old cigar boxes. There is a vast field for this department of hand-work in the second and third book classes.

6.—*Paper Cutting and Pasting.*

In addition to Kindergarten cutting and pasting we have tried successfully ; (a) cutting maps from colored paper and pasting them on sheets ; (b) cutting out pictures from periodicals, &c.,

and pasting them in scrap books ; (c) cutting various forms from paper. All these aid in giving power and skill to the fingers.

7.—*Drill and Calisthenics.*

These have a most important influence on industrial training by strengthening the body and training the muscular system to respond definitely to the commands of the mind.

VI. RECOMMENDATIONS.

I strongly recommend.

1. That the Kindergartens be extended throughout the city as rapidly as Kindergarteners are trained. Every child will thus obtain industrial training at the time when it will be most effective in contributing to the thorough and natural education of both hand and head.

2. That some of the Kindergarten occupations be continued in the regular primary classes, especially ; (a) the sewing on card-board, including as it does such valuable lessons on form and designing ; (b) paper folding and pasting ; (c) paper cutting and pasting ; (d) modeling in clay. The last could easily be carried out in the senior first and junior second book classes, and might with great profit be continued much higher. It is in harmony with the well-known instinctive tendency of children to mould moistened earth into various forms. Making "mud pies" is the working out of a natural plan for the development of the child's intellectual and industrial powers. Modelling is an inexpensive occupation, and it may be practised in the regular school rooms without soiling the desks, by placing a piece of brown paper on each desk to protect it.

3. That, in order to make the needle-work department of our school work more thorough, a special instructor be appointed to

teach cutting and fitting in the higher classes, to train the teachers so as to fit them for a better performance of their duties in this department of their work, and to direct and inspect the needle work, as the special masters already do in the subjects of drawing and music. Much practical as well as educational benefit would result from the employment of such a teacher. The difficulty of obtaining material for the girls to practise cutting out and fitting has really been solved already in our city. We have on hand a grant of two hundred dollars from the City Council to purchase material for the manufacture of garments for the inmates of the numerous charitable institutions of the city. There is no doubt that this amount will be largely increased by private donations as soon as our work is more systematically conducted and more fully understood by the citizens generally. The moral effects of working with a definite aim for deserving children, are exceedingly important in the training of young people. A single lesson in applied morality is more effectual in the development of character than a score of theoretical lessons. The latter may be positively injurious ; the former must be beneficial.

The advantages, socially, financially, and morally of having skilled mothers and daughters in the homes of our city, must be clear to all.

4. That we systematize and extend the work of carving in wood, whittling, cutting and pasting, plaiting straw, &c., by fixing a definite programme for each class. These occupations form admirable exercises for providing productive resting periods, so necessary for relaxation after mental concentration on abstract study.

5. That a course of training in the use of wood working tools be given to the pupils in Dufferin, Jesse Ketchum, Ryerson, and Wellesley Schools. An inexpensive shop might be erected in

connection with each school. The work might be done from 3 to 4 p. m. without materially interfering with the programme of study. In my opinion most boys would voluntarily remain after 4 o'clock if they were permitted to do so. The instructors might be employed in attending to school repairs throughout the city while not occupied in teaching. This work might be extended gradually to other schools.

6. In regard to practical lessons in cookery, while I recognize their great advantages in promoting health and economy in the homes of all classes of the community, I am not in a position to speak definitely in favor of their establishment until I have seen them in operation as a part of a Public School system similar to our own, and have found the outlay necessary for furnishing the appliances, as well as the expense of carrying on the lessons.

7. In conclusion I repeat the opinion that the aim of all the industrial and manual training done in our schools should be to qualify for more thorough and successful work in any employment, instead of fitting the pupils for some particular trade. We shou'd train the hands as the executive agents of intelligent minds.

I strongly recommend the defining of our programme of general manual work for all classes and both sexes in the lower classes, as of much greater importance than any kind of manual training given to a comparatively small number of pupils in the higher grades.

Respectfully submitted,

JAMES L. HUGHES,

Public School Inspector.

REPORT OF EXAMINERS.

The Board of Examiners appointed to conduct the Combined Examination of the City Public Schools for the present year have the honor to report that on the 17th and 20th of June they examined the pupils selected from the four highest Divisions numbering in all 330. The examinations took place at the Dufferin and Ryerson Schools, and as usual were in writing. The following tabulated statement exhibits the standing of the competing classes in the various subjects included in the Public School Curriculum :

SENIOR FIFTH BOOK CLASS.

TEN PUPILS FROM EACH CLASS.

| SCHOOLS. | Mathematics. | Grammar, Composition, and Hygiene. | History and Geography. | Reading, Spelling, and Derivation. | Writing, Drawing, Music and Book-keeping. | Total. |
|-----------------------|--------------|------------------------------------|------------------------|------------------------------------|---|--------|
| Marks possible | 2850 | 1800 | 2000 | 1600 | 1700 | 9950 |
| Wellesley, Girls..... | 1582 | 1190 | 1394 | 1226 | 1011 | 6403 |
| “ Boys | 1602 | 1176 | 1372 | 1187 | 1055 | 6392 |
| Ryerson, Girls | 1261 | 1228 | 1137 | 1062 | 958 | 5646 |
| Dufferin, Mixed | 1349 | 1178 | 1052 | 1059 | 894 | 5532 |
| Ryerson, Boys..... | 1120 | 1001 | 1135 | 1016 | 821 | 5093 |

JUNIOR FIFTH BOOK CLASS.

TEN PUPILS FROM EACH CLASS.

| SCHOOLS. | Mathematics. | Grammar, Composition, and Hygiene. | History and Geography. | Reading, Spelling, and Derivation. | Writing, Drawing, Music and Book-keeping. | Total. |
|---------------------------|--------------|------------------------------------|------------------------|------------------------------------|---|--------|
| Marks possible | 2700 | 1800 | 2000 | 1600 | 1700 | 9800 |
| Wellesley, Girls..... | 1393 | 1307 | 1354 | 1345 | 1125 | 6524 |
| “ Boys..... | 1338 | 1230 | 1377 | 1158 | 991 | 6094 |
| Dufferin, Girls | 1292 | 1220 | 1215 | 1113 | 1081 | 5921 |
| Ryerson, Boys..... | 1326 | 1042 | 1005 | 988 | 980 | 5431 |
| “ Girls..... | 958 | 1220 | 1079 | 1207 | 951 | 5415 |
| Jesse Ketchum, Mixed..... | 1059 | 1120 | 954 | 1210 | 1055 | 5398 |
| Dufferin, Boys..... | 1072 | 1023 | 1148 | 927 | 807 | 4977 |

SENIOR FOURTH BOOK CLASS.

TEN PUPILS FROM EACH CLASS.

| SCHOOLS. | Arithmetic, Mensuration, and Algebra. | Grammar, Com- position, and Hygiene. | History and Geo- graphy. | Reading, Spell- ing and Deriv- ation. | Writing, Draw- ing and Music. | Total. |
|----------------------------|---|--|-----------------------------|---|----------------------------------|--------|
| Marks possible | 2000 | 1550 | 2000 | 1600 | 1200 | 8350 |
| Wellesley, Girls | 1345 | 1166 | 1411 | 1181 | 709 | 5812 |
| Dufferin, " | 866 | 1104 | 1301 | 1049 | 629 | 4949 |
| Jesse Ketchum, Mixed | 988 | 1003 | 1271 | 860 | 546 | 4668 |
| Dufferin, Boys | 1131 | 995 | 1090 | 855 | 538 | 4609 |
| Ryerson, " | 965 | 975 | 1153 | 861 | 605 | 4559 |
| " Girls | 959 | 1019 | 884 | 898 | 611 | 4371 |
| Givins', Mixed | 1007 | 1015 | 927 | 714 | 552 | 4215 |
| Victoria, " | 825 | 949 | 913 | 897 | 581 | 4165 |
| Wellesley, Boys | 654 | 933 | 1090 | 758 | 562 | 4057 |
| Bolton Ave., Mixed | 606 | 933 | 949 | 777 | 648 | 3913 |
| Hope " | 601 | 961 | 724 | 720 | 548 | 3554 |
| John " | 791 | 805 | 571 | 740 | 467 | 3374 |

JUNIOR FOURTH BOOK CLASS.

FIVE PUPILS FROM EACH CLASS.

| SCHOOLS. | Arithmetic. | Grammar, Com- position, and Hygiene. | History and Geo- graphy. | Reading, Spell- ing and Deriv- ation. | Writing, Draw- ing and Mus.c. | Total. |
|-------------------------|-------------|--|-----------------------------|---|----------------------------------|--------|
| Marks possible..... | 750 | 775 | 1000 | 800 | 600 | 3925 |
| Wellesley, Girls..... | 466 | 526 | 630 | 560 | 328 | 2510 |
| Dufferin, Mixed..... | 368 | 662 | 804 | 700 | 410 | 2422 |
| Ryerson, Girls..... | 329 | 539 | 587 | 608 | 329 | 2392 |
| Wellesley, Boys..... | 358 | 538 | 641 | 475 | 300 | 2312 |
| Borden, Mixed..... | 384 | 510 | 512 | 531 | 305 | 2242 |
| Ryerson, Boys..... | 257 | 515 | 571 | 529 | 315 | 2187 |
| John, Mixed..... | 155 | 447 | 626 | 497 | 318 | 2043 |
| Bolton Ave., Mixed..... | 253 | 471 | 529 | 447 | 293 | 1993 |
| Park..... | 376 | 451 | 398 | 481 | 255 | 1961 |
| Jesse Ketchum..... | 210 | 468 | 539 | 456 | 282 | 1955 |
| Victoria..... | 219 | 493 | 458 | 501 | 270 | 1941 |
| Church..... | 315 | 454 | 456 | 476 | 295 | 1896 |
| Niagara..... | 177 | 410 | 542 | 408 | 258 | 1795 |
| Louisa..... | 195 | 426 | 487 | 406 | 236 | 1750 |
| Winchester..... | 134 | 432 | 412 | 457 | 278 | 1713 |
| Hope..... | 115 | 397 | 485 | 438 | 275 | 1710 |
| Givins'..... | 89 | 374 | 494 | 416 | 277 | 1650 |
| Phœbe..... | 195 | 394 | 367 | 480 | 361 | 1631 |

The following are the names of the pupils of the Senior Divisions of Wellesley, Dufferin and Ryerson Schools who obtained the highest number of marks for general proficiency, and to whom were awarded the scholarships granted by the Board of Trustees of the Toronto Collegiate Institute. These scholarships entitle their recipients to two years' free tuition in that institution.

Boys.

| | Marks. | |
|----------------------|--------|-------------------|
| 1. David Wickson, | 759 | Wellesley School, |
| 2. Wm. E. Young, | 704 | Ryerson " |
| 3. Robert H. Glover, | 690 | " " |
| 4. George Rudlen, | 669 | Wellesley " |
| 5. Wm. Cobban, | 666 | " " |
| 6. Charles Carter, | 662 | " " |

Girls.

| | Marks. | |
|----------------------|--------|-------------------|
| 1. Ethel Dyke, | 729 | Wellesley School, |
| 2. Jesse Milne, | 687 | Ryerson " |
| 3. Ethel Macklin, | 680 | Wellesley " |
| 4. { Maggie Lee, | 673 | Dufferin " |
| { Emily Parkinson, | 673 | " " |
| 5. { Helen Hughes, | 667 | Wellesley " |
| { Isadore McFarlane, | 667 | Ryerson " |

The Gold Medal provided by Mr. John Macdonald for the pupil taking the highest aggregate number of marks in the entire range of subjects of the examinations was won by Daniel Wickson of the Wellesley School, who also takes the first Boys' Scholarship. Ethel Dyke, of the same school, who takes the first Girls' Scholarship, takes the second place in the city schools and is therefore entitled to the Silver Medal, also presented by Mr. Macdonald.

The Medals presented by Messrs. Kent Brothers for the best answers in Canadian History and Geography, as the result of a special examination in these subjects, were carried off by Emma Schilling (1st), and Joseph Meek (2nd), both of the Senior Fifth Class, Ryerson School.

At the special examination in Reading for the Medal presented by the Rev. Septimus Jones for the best reader in the city schools, fifty pupils presented themselves. The successful competitor was Mary Seager of Jesse Ketchum School.

The following are the names of pupils to whom prizes were awarded for special excellence in the various subjects. Those who receive scholarships in the highest divisions and those who obtain prizes for general proficiency in the others are excluded from the competition for prizes for superior proficiency in the groups of subjects taken separately :

SENIOR FIFTH BOOK.

MATHEMATICS.

1. Maggie Moffatt, Wellesley School.
2. Robert Wightman, “ “
3. Alphoretta Wismer, Dufferin “
4. Florence Haynes, “ “

GRAMMAR, COMPOSITION AND HYGIENE.

1. Martha Williams, Dufferin School.
2. Emma Schilling, Ryerson “
3. Alfred Rolls, Wellesley “
4. Clara Nasmith, “ “

HISTORY AND GEOGRAPHY.

1. Theresa Palmer, Wellesley School.
2. Joseph Meek, Ryerson, “ “
3. Nellie Jose, “ “
4. Maud Milligan, Wellesley “

READING, SPELLING AND DERIVATION.

1. Clara Nasmith, Wellesley School.
2. Theresa Palmer, “ “
3. John Phillips, Dufferin “
4. Daniel Scott, Wellesley “

WRITING, DRAWING, MUSIC, BOOK-KEEPING.

1. Sherlock Faircloth, Wellesley School.
2. Daniel Scott, “ “
3. George Hendry, “ “
4. Theresa Palmer, “ “

JUNIOR FIFTH CLASS.

GENERAL PROFICIENCY.

1. Christina McLennan, Wellesley School.
2. Laura Hamilton, “ “
3. Amanda Rimington, “ “
4. { Allen Lucas, “ “
 { Mary Newton, Dufferin “

MATHEMATICS.

1. Ida Sullivan, Wellesley School.
2. Fred Mann, Ryerson “
3. Agnes McCollum, Wellesley School.

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4. { Mary Scott, Jesse Ketchum “
 { Ida Patterson, Ryerson “

GRAMMAR, COMPOSITION AND HYGIENE.

1. John Macdonald, Wellesley School.
 2. Charles Lawrie, Dufferin “
 3. { Albert McMillan, Wellesley “
 { Daisy Stocks, Jesse Ketchum “

HISTORY AND GEOGRAPHY.

1. Florence Parker, Wellesley School.
 2. Albert McMillan, “ “
 3. { Sidney B. Wood, “ “
 { John Macdonald, “ “

READING, SPELLING AND DERIVATION.

1. Rose Lucas, Wellesley School.
 2. Zoe Smiley, Jesse Ketchum School.
 3. Annie Burns, Ryerson “
 4. Phœbe Peake, Wellesley “

WRITING, MUSIC, DRAWING, BOOK-KEEPING.

1. Annie Reed, Dufferin School.
 2. Carrie H. Gilbert, Wellesley School.
 3. { Rose Lucas, “ “
 { Agnes McCollum “ “

SENIOR FOURTH CLASS.

GENERAL PROFICIENCY.

1. Lilian Carruthers, Wellesley School.

2. Georgie Cowan, " "
3. Georgina McDougall, " "
4. James L. Murray, Bolton Ave. "
5. Fannie Richardson, Dufferin "

MATHEMATICS.

1. Ernest Burns, Dufferin School.
2. Bertie Dyke, Wellesley "
3. Edward Little, John St. "
4. Ethel Watson, Ryerson "

GRAMMAR, COMPOSITION AND HYGIENE.

1. Bertha Ashenfelter, Wellesley School.
2. Allan Coulter, Jesse Ketchum "
3. Bertie Dyke, Wellesley "
4. { Emma Breckon, Givins' St. "
 { Minnie Davidson, Wellesley "

HISTORY AND GEOGRAPHY.

1. Annie Boyle, Wellesley School.
2. Orlando Jolliffe, Jesse Ketchum School.
3. { Robert Angus, Dufferin "
 { Susie Kerrigan, " "

READING, SPELLING AND DERIVATION.

1. Bertha Ashenfelter, Wellesley School.
2. Amy Craig, Dufferin "
3. Mary Seagar, Jesse Ketchum "
4. { Gracie Hunter, Wellesley "
 { Helen Mulvaney, Dufferin "

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WRITING, DRAWING AND MUSIC.

1. Edward Fenne'l, Dufferin School.
2. { Jessie Dowd, Wellesley “
 { Addie Saunders, “ “
4. Arthur Jenkins, Ryerson “

JUNIOR FOURTH CLASS.

GENERAL PROFICIENCY.

1. Stella Bleything, Dufferin School.
2. Wm. W. Kitchen, Wellesley “
3. Dollie McKay, “ “
4. Maggie Yellowlees, Ryerson “
5. Colin Campbell, Dufferin “

MATHEMATICS.

1. Albert Payne, Park School.
2. Henrietta Jerreat, “ “
3. Maud Hicks, Borden St. “
4. Ontario Roome, Louisa St. School.

GRAMMAR, COMPOSITION AND HYGIENE.

1. Maud Hicks, Borden St. School.
2. { Lucy Jones, Dufferin “
 { Aggie Malcome, Borden St. School.
4. Bella Geddes, Dufferin “

HISTORY AND GEOGRAPHY.

1. Clara Tomlinson, Dufferin School.
2. Emma Savacool, John St. “
3. Wm. Leckie, “ “ “

- | | | | |
|----|---|--|---|
| 4. | { | Gertrude Brown, Wellesley | " |
| | | Charles McIntosh, Victoria St. School. | |
| | | Emily Perryman, Wellesley | " |
| | | Frank Smith, Ryerson | " |

READING, SPELLING AND DERIVATION.

1. Florence Cook, Phœbe St. School.
2. Rosie Culp, Ryerson "
3. Lillie Norman, Phœbe St. "
4. Lucy Jones, Dufferin "

WRITING, DRAWING AND MUSIC.

1. Lucy Jones, Dufferin School.
2. Edna Snarr, Wellesley "
3. Mary Grant, Givins' St. "
4. { Maud Blain, Dufferin School.
- { Emily Perryman, Wellesley School.

At the request of the Women's Christian Temperance Union, prizes were offered for the best written compositions on the subject of Temperance, open to all pupils of the Senior Fifth Class. Three ladies of the Union examined the papers submitted by the competitors and adjudged the highest place to William L. Richardson, of the Wellesley School, and the second place to Emily Parkinson, of the Dufferin School.

The Examiners, in concluding their report, desire again to express their high appreciation of the excellent educational work done in our City Public Schools as brought out by the examinations just closed. The results of free public school education long ago predicted by Canada's great Educationist have been perhaps more fully achieved in Toronto than anywhere else, the children

of the rich and the poor alike enjoying, free of cost, the inestimable blessing of a thoroughly sound moral and intellectual training. As Dr. Ryerson once said, "The indigent are no longer doomed to the double misfortune of poverty and ignorance."

WM. ANDERSON,

Chairman of Board of Examiners

Statistical and Reference Tables

TABLE A.

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

| SCHOOLS. | JAN. | FEB. | MAR. | APRIL | MAY. | JUNE | SEPT. | OCT. | NOV. | DEC | AVERAGE. |
|-------------------------|------|------|------|-------|------|------|-------|------|------|------|----------|
| Dufferin | 1179 | 1156 | 1135 | 1126 | 1092 | 1025 | 1175 | 1139 | 1115 | 1072 | 1121 |
| Ryerson | 1100 | 1071 | 1064 | 1071 | 1018 | 996 | 1079 | 1079 | 1071 | 1047 | 1060 |
| Wellesley | 1071 | 1054 | 1028 | 1012 | 1009 | 967 | 1003 | 1015 | 988 | 918 | 1006 |
| Jesse Ketchum | 865 | 877 | 894 | 906 | 882 | 855 | 901 | 908 | 929 | 898 | 891 |
| Givins' Street | 865 | 851 | 848 | 832 | 922 | 891 | 951 | 937 | 1033 | 989 | 912 |
| Hope " | 820 | 811 | 826 | 819 | 793 | 760 | 856 | 835 | 838 | 791 | 815 |
| Bolton Ave. | 691 | 688 | 693 | 722 | 788 | 735 | 829 | 840 | 834 | 766 | 759 |
| Phoebe Street | 671 | 660 | 660 | 684 | 675 | 650 | 736 | 737 | 719 | 690 | 688 |
| Victoria " | 712 | 715 | 713 | 743 | 726 | 692 | 752 | 778 | 783 | 733 | 735 |
| Bathurst " | 660 | 672 | 691 | 548 | 547 | 525 | 592 | 580 | 559 | 534 | 591 |
| John " | 584 | 585 | 586 | 593 | 597 | 574 | 634 | 644 | 650 | 620 | 607 |
| Niagara " | 603 | 601 | 601 | 622 | 609 | 589 | 655 | 675 | 656 | 635 | 625 |
| Borden " | 604 | 642 | 657 | 667 | 990 | 674 | 691 | 680 | 670 | 639 | 691 |
| Church " | 524 | 526 | 521 | 526 | 517 | 499 | 521 | 512 | 515 | 493 | 515 |
| Elizabeth " | 412 | 409 | 408 | 410 | 419 | 398 | 422 | 435 | 432 | 403 | 415 |
| Louisa " | 443 | 447 | 442 | 428 | 443 | 422 | 472 | 478 | 457 | 445 | 448 |
| Park | 552 | 558 | 546 | 559 | 556 | 534 | 593 | 583 | 574 | 419 | 547 |
| Winchester Street | 499 | 513 | 503 | 516 | 520 | 504 | 513 | 523 | 519 | 476 | 509 |
| Brant " | 381 | 389 | 392 | 393 | 398 | 374 | 388 | 391 | 395 | 375 | 388 |
| George " | 336 | 335 | 347 | 335 | 266 | 285 | 322 | 324 | 336 | 320 | 321 |
| Parliament " | 420 | 418 | 420 | 447 | 438 | 414 | 476 | 460 | 471 | 452 | 442 |
| Rose Ave. | 325 | 325 | 330 | 334 | 340 | 323 | 361 | 370 | 353 | 343 | 340 |
| Brook " | 202 | 216 | 217 | 224 | 227 | 212 | 267 | 271 | 260 | 253 | 235 |
| Dewson Street | 194 | 179 | 191 | 223 | 228 | 216 | 217 | 236 | 252 | 227 | 216 |
| Morse " | 260 | 261 | 259 | 276 | 260 | 248 | 291 | 290 | 289 | 278 | 271 |
| Palace " | 269 | 263 | 266 | 269 | 265 | 313 | 262 | 258 | 268 | 253 | 269 |

TABLE A.—(CONTINUED.)

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

| SCHOOLS. | JAN. | FEB. | MAR. | APRIL | MAY. | JUNE | SEPT. | OCT. | NOV. | DEC. | AVERAGE. |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| York Street | 258 | 250 | 252 | 250 | 260 | 251 | 240 | 241 | 249 | 244 | 249 |
| Cottingham Street | 154 | 141 | 151 | 160 | 156 | 151 | 167 | 185 | 191 | 187 | 164 |
| Leslie " | 65 | 67 | 67 | 73 | 57 | 49 | 60 | 69 | 77 | 71 | 65 |
| Mabel " | 66 | 78 | 92 | 111 | 133 | 147 | 161 | 166 | 167 | 165 | 129 |
| Spadina Ave. | 112 | 113 | 115 | 129 | 144 | 141 | 160 | 159 | 157 | 152 | 138 |
| Howard Street..... | 54 | 52 | 53 | 52 | 48 | 39 | 49 | 55 | 55 | 43 | 50 |
| Orphans' Home..... | 140 | 141 | 141 | 143 | 148 | 147 | 149 | 142 | 148 | 149 | 145 |
| College Ave..... | 114 | 119 | 119 | 123 | 133 | 82 | 114 | 82 | 121 | 120 | 111 |
| Boys' Home | 108 | 106 | 108 | 109 | 110 | 118 | 99 | 109 | 99 | 100 | 107 |
| Girls' " | 52 | 50 | 51 | 48 | 47 | 49 | 50 | 53 | 53 | 52 | 50 |
| Sackville Street..... | | | 48 | 80 | 91 | 79 | 94 | 97 | 96 | 90 | 84 |
| Euclid Ave..... | | | | 135 | 183 | 168 | 173 | 174 | 172 | 148 | 165 |
| Total..... | 16365 | 16339 | 16435 | 16698 | 17035 | 16096 | 17475 | 17510 | 17451 | 16590 | 16874 |

Note— This includes Kindergarten attendance.

TABLE B.

Showing the Average Attendance at each School for each Month.

| SCHOOLS. | JAN. | FEB. | MARCH. | APRIL. | MAY. | JUNE. | SEPT. | OCT. | Nov. | DEC. |
|-----------------------|------|------|--------|--------|------|-------|-------|------|------|------|
| Dufferin | 1070 | 1029 | 1001 | 1001 | 963 | 908 | 1064 | 1036 | 1019 | 973 |
| Ryerson..... | 1008 | 969 | 967 | 953 | 927 | 873 | 960 | 994 | 932 | 950 |
| Wellesley | 990 | 950 | 937 | 932 | 938 | 872 | 925 | 949 | 900 | 855 |
| Jesse Ketchum | 770 | 763 | 778 | 785 | 781 | 768 | 770 | 818 | 832 | 763 |
| Givins' Street..... | 774 | 774 | 755 | 727 | 794 | 774 | 811 | 829 | 915 | 896 |
| Hope " | 723 | 706 | 707 | 694 | 665 | 645 | 739 | 747 | 731 | 703 |
| Bolton Ave..... | 614 | 607 | 612 | 639 | 652 | 644 | 728 | 741 | 729 | 688 |
| Phoebe Street..... | 604 | 584 | 589 | 604 | 595 | 581 | 652 | 657 | 646 | 636 |
| Victoria Street | 634 | 633 | 619 | 629 | 639 | 615 | 654 | 697 | 693 | 651 |
| Bathurst " | 606 | 593 | 616 | 495 | 490 | 470 | 551 | 533 | 499 | 493 |
| John " | 527 | 519 | 517 | 516 | 533 | 513 | 553 | 581 | 576 | 558 |
| Niagara " | 536 | 533 | 539 | 528 | 535 | 511 | 575 | 606 | 589 | 582 |
| Borden " | 547 | 567 | 552 | 572 | 589 | 590 | 622 | 615 | 608 | 571 |
| Church " | 477 | 453 | 440 | 461 | 468 | 439 | 446 | 463 | 458 | 437 |
| Elizabeth " | 371 | 362 | 350 | 351 | 361 | 353 | 374 | 386 | 384 | 364 |
| Louisa " | 398 | 387 | 392 | 373 | 378 | 369 | 401 | 405 | 392 | 395 |
| Park | 515 | 493 | 482 | 494 | 501 | 492 | 531 | 531 | 450 | 392 |
| Winchester St. | 460 | 444 | 446 | 455 | 466 | 448 | 456 | 468 | 467 | 438 |
| Brant " | 335 | 347 | 343 | 338 | 336 | 329 | 325 | 335 | 345 | 326 |
| George " | 296 | 291 | 303 | 263 | 224 | 242 | 255 | 280 | 298 | 298 |
| Parliament " | 374 | 368 | 355 | 381 | 383 | 373 | 404 | 402 | 419 | 417 |
| Rose Ave..... | 285 | 260 | 286 | 289 | 299 | 283 | 327 | 341 | 312 | 306 |
| Brock " | 168 | 175 | 182 | 175 | 178 | 188 | 209 | 226 | 215 | 224 |
| Dewson Street | 161 | 150 | 167 | 184 | 202 | 195 | 190 | 208 | 212 | 205 |
| Morse | 232 | 234 | 235 | 238 | 232 | 223 | 262 | 266 | 262 | 251 |
| Palace " | 230 | 231 | 230 | 236 | 230 | 232 | 236 | 232 | 234 | 236 |

TABLE B.—(CONTINUED.)

Showing the Average Attendance at each School for each Month.

| SCHOOLS. | JAN. | FEB. | MARCH. | APRIL. | MAY. | JUNE. | SEPT. | OCT. | NOV. | DEC. |
|-------------------------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|
| York Street | 227 | 221 | 222 | 220 | 229 | 212 | 207 | 215 | 227 | 223 |
| Cottingham Street | 130 | 90 | 131 | 128 | 135 | 132 | 149 | 169 | 164 | 161 |
| Leslie. " | 52 | 58 | 61 | 56 | 47 | 46 | 54 | 57 | 67 | 66 |
| Mabel " | 59 | 72 | 78 | 98 | 121 | 133 | 144 | 149 | 144 | 148 |
| Spadina Ave. | 90 | 90 | 92 | 104 | 121 | 120 | 130 | 148 | 149 | 142 |
| Howard Street | 39 | 37 | 44 | 34 | 36 | 35 | 41 | 47 | 41 | 39 |
| Orphans' Home | 133 | 134 | 133 | 134 | 140 | 141 | 142 | 138 | 142 | 143 |
| College Ave | 87 | 92 | 86 | 86 | 88 | 66 | 77 | 59 | 93 | 98 |
| Boys' Home | 106 | 105 | 106 | 106 | 108 | 116 | 96 | 108 | 97 | 99 |
| Girls' " | 50 | 49 | 50 | 48 | 47 | 46 | 46 | 52 | 52 | 52 |
| Sackville Street ..... | .... | .... | 37 | 63 | 71 | 69 | 73 | 80 | 92 | 81 |
| Euclid Ave. .... | .... | .... | .... | 117 | 178 | 139 | 152 | 157 | 144 | 129 |
| Total | 14668 | 14370 | 14440 | 14407 | 14680 | 14185 | 15331 | 15725 | 15582 | 14989 |

TABLE C.

Showing the No. of Days Lost through Absence during the Year.

| SCHOOLS. | Average Regi-tered Number. | JAN. | FEB. | MARCH. | APRIL. | MAY. | JUNE. | SEPT. | OCT. | NOV. | DEC. |
|------------------------|----------------------------------|------|------|--------|--------|------|-------|-------|------|------|------|
| Dufferin..... | 1121 | 1816 | 2645 | 2770 | 2338 | 2646 | 2847 | 2230 | 2221 | 2201 | 1638 |
| Ryerson..... | 1060 | 1263 | 1964 | 2432 | 2084 | 1969 | 2578 | 1862 | 1632 | 1987 | 1666 |
| Wellesley..... | 1006 | 1171 | 1946 | 2055 | 1497 | 1514 | 1908 | 1416 | 1245 | 1364 | 1144 |
| Jesse Ketchum..... | 891 | 1047 | 1655 | 1813 | 1542 | 1453 | 1588 | 1499 | 1263 | 1790 | 1146 |
| Givins' Street..... | 912 | 1333 | 2118 | 2154 | 1985 | 2186 | 2554 | 2632 | 2338 | 2329 | 16 1 |
| Hope "..... | 815 | 1450 | 1747 | 2396 | 2163 | 2158 | 2215 | 1712 | 1722 | 2003 | 1491 |
| Bolton Ave..... | 759 | 1192 | 1390 | 1687 | 1429 | 1473 | 1453 | 1246 | 1292 | 1420 | 1013 |
| Phoebe Street..... | 688 | 996 | 1489 | 1778 | 1677 | 1759 | 1491 | 1666 | 1665 | 1571 | 1150 |
| Victoria "..... | 735 | 948 | 1389 | 1722 | 1395 | 1420 | 1454 | 1401 | 1228 | 1622 | 1198 |
| Ba-hurst "..... | 591 | 922 | 1443 | 1443 | 1077 | 1241 | 1022 | 815 | 918 | 1322 | 707 |
| John "..... | 607 | 909 | 1185 | 1497 | 1505 | 1450 | 1511 | 1480 | 1220 | 1760 | 1186 |
| Niagara "..... | 625 | 756 | 1259 | 1267 | 1325 | 1462 | 1635 | 1142 | 1222 | 1294 | 887 |
| Borden "..... | 691 | 886 | 1367 | 1721 | 1712 | 1566 | 1792 | 1214 | 1309 | 1221 | 859 |
| Church "..... | 515 | 780 | 1299 | 1671 | 1123 | 1079 | 1226 | 1026 | 873 | 1187 | 910 |
| Elizabeth "..... | 415 | 548 | 917 | 1207 | 1137 | 1008 | 922 | 916 | 874 | 847 | 685 |
| Louisa "..... | 448 | 561 | 1126 | 1109 | 1000 | 1083 | 968 | 1090 | 1298 | 1165 | 903 |
| Park..... | 547 | 807 | 1273 | 1408 | 1124 | 1125 | 1043 | 1147 | 965 | 1202 | 423 |
| Winchester Street..... | 509 | 706 | 1234 | 1253 | 1017 | 943 | 1216 | 948 | 986 | 1117 | 715 |
| Brant "..... | 388 | 731 | 939 | 1175 | 1153 | 1343 | 1005 | 1225 | 1165 | 1115 | 800 |
| George "..... | 321 | 605 | 835 | 1041 | 1162 | 197 | 1004 | 1321 | 906 | 784 | 441 |
| Parliament "..... | 442 | 618 | 1079 | 1353 | 972 | 1047 | 887 | 1135 | 1028 | 1065 | 608 |
| Rose Ave..... | 340 | 621 | 1160 | 1034 | 874 | 840 | 897 | 781 | 826 | 919 | 580 |
| Brock "..... | 235 | 229 | 478 | 605 | 798 | 830 | 437 | 973 | 760 | 716 | 431 |
| Dewson Street..... | 216 | 392 | 567 | 426 | 340 | 460 | 459 | 375 | 464 | 764 | 403 |

TABLE C.—(CONTINUED.)

Showing the No. of Days Lost through Absence during the Year.

| SCHOOLS. | Average Registered Number. | JAN. | FEB. | MARCH. | APRIL. | MAY. | JUNE. | SEPT. | OCT. | NOV. | DEC. |
|------------------------|----------------------------------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|
| Morse Street | 271 | 325 | 370 | 381 | 410 | 529 | 328 | 341 | 433 | 482 | 362 |
| Palace " | 269 | 370 | 505 | 518 | 484 | 479 | 349 | 283 | 376 | 486 | 260 |
| York " | 249 | 374 | 563 | 632 | 542 | 657 | 920 | 538 | 509 | 518 | 390 |
| Cottingham " | 164 | 388 | 1000 | 482 | 522 | 483 | 436 | 222 | 293 | 570 | 355 |
| Leslie " | 65 | 109 | 136 | 129 | 201 | 173 | 66 | 102 | 125 | 148 | 74 |
| Mabel " | 129 | 93 | 239 | 239 | 146 | 276 | 350 | 345 | 319 | 554 | 231 |
| Spadina Ave. | 138 | 279 | 410 | 461 | 189 | 313 | 365 | 162 | 192 | 162 | 155 |
| Howard Street | 50 | 189 | 296 | 189 | 301 | 466 | 86 | 165 | 136 | 173 | 47 |
| Orphans Home | 145 | 79 | 102 | 180 | 144 | 116 | 119 | 119 | 103 | 114 | 104 |
| College Ave. | 111 | 299 | 339 | 421 | 307 | 454 | 361 | 380 | 390 | 368 | 299 |
| Boys' Home | 107 | 39 | 28 | 107 | 58 | 56 | 57 | 65 | 48 | 87 | 90 |
| Girls' " | 50 | 15 | 18 | 5 | 0 | 0 | 20 | 48 | 23 | 22 | 0 |
| Sackville Street | 84 | .... | .... | 32 | 105 | 205 | 142 | 204 | 381 | 314 | 162 |
| Euclid Ave. | 165 | .... | .... | .... | 259 | 466 | 533 | 337 | 274 | 519 | 250 |
| Total | 16874 | 23846 | 36450 | 40785 | 56097 | 36925 | 38244 | 34563 | 33022 | 37282 | 25394 |

TABLE D.

Showing the Number of Cases of Lateness during the Year.

| SCHOOLS. | Average Number Registered | JAN. | FEB. | MARCH. | APRIL. | MAY. | JUNE. | SEPT. | OCT. | NOV. | DEC. | TOTAL. |
|---------------------|---------------------------------|------|------|--------|--------|------|-------|-------|------|------|------|--------|
| Dufferin | 1121 | 61 | 64 | 59 | 33 | 19 | 16 | 49 | 23 | 77 | 66 | 467 |
| Ryerson | 1060 | 55 | 46 | 39 | 27 | 41 | 44 | 66 | 48 | 77 | 77 | 520 |
| Wellesley | 1006 | 36 | 30 | 13 | 12 | 19 | 10 | 26 | 16 | 28 | 10 | 200 |
| Jesse Ketchum..... | 891 | 42 | 24 | 37 | 31 | 39 | 29 | 63 | 35 | 35 | 32 | 367 |
| Givins' Street..... | 912 | 94 | 53 | 59 | 41 | 67 | 61 | 61 | 92 | 123 | 66 | 717 |
| Hope " | 815 | 114 | 124 | 145 | 50 | 63 | 57 | 67 | 80 | 140 | 98 | 938 |
| Bolton Ave. | 759 | 38 | 18 | 15 | 18 | 15 | 15 | 15 | 14 | 36 | 31 | 215 |
| Phoebe Street..... | 688 | 71 | 64 | 68 | 47 | 73 | 43 | 80 | 75 | 104 | 68 | 693 |
| Victoria " | 735 | 47 | 40 | 61 | 28 | 46 | 51 | 58 | 65 | 80 | 49 | 525 |
| Bathurst " | 591 | 50 | 74 | 63 | 37 | 29 | 18 | 25 | 33 | 80 | 29 | 438 |
| John " | 607 | 70 | 74 | 39 | 39 | 62 | 54 | 57 | 64 | 57 | 55 | 571 |
| Niagara " | 625 | 52 | 47 | 28 | 21 | 19 | 16 | 29 | 36 | 52 | 38 | 338 |
| Borden " | 691 | 95 | 119 | 96 | 57 | 69 | 61 | 48 | 78 | 63 | 48 | 734 |
| Church " | 515 | 57 | 51 | 50 | 40 | 36 | 38 | 41 | 22 | 33 | 28 | 396 |
| Elizabeth " | 415 | 30 | 21 | 32 | 10 | 21 | 18 | 29 | 17 | 33 | 9 | 220 |
| Louisa " | 448 | 77 | 33 | 43 | 21 | 27 | 28 | 64 | 53 | 61 | 44 | 451 |
| Park | 547 | 28 | 14 | 16 | 10 | 8 | 9 | 21 | 26 | 22 | 10 | 164 |
| Winchester Street.. | 509 | 39 | 63 | 55 | 36 | 54 | 31 | 35 | 27 | 24 | 25 | 389 |
| Brant " .. | 388 | 55 | 76 | 31 | 23 | 30 | 19 | 35 | 28 | 52 | 39 | 388 |
| George " .. | 321 | 20 | 24 | 16 | 13 | 7 | 22 | 18 | 29 | 30 | 30 | 209 |
| Parliament " .. | 442 | 40 | 34 | 22 | 31 | 33 | 24 | 40 | 56 | 40 | 27 | 347 |
| Rose Ave..... | 340 | 71 | 92 | 44 | 25 | 26 | 40 | 19 | 40 | 38 | 18 | 413 |
| Brock " | 235 | 6 | 28 | 19 | 22 | 9 | 6 | 29 | 14 | 7 | 4 | 144 |
| Dewson Street..... | 216 | 25 | 11 | 11 | 6 | 10 | 7 | 19 | 11 | 17 | 9 | 126 |

TABLE D.—(CONTINUED.)

Showing the Number of Cases of Lateness during the Year.

| SCHOOLS. | Average Number Registered | JAN. | FEB. | MARCH. | APRIL | MAY. | JUNE. | SEPT. | OCT | NOV. | DEC. | TOTAL |
|----------------------|---------------------------------|------|------|--------|-------|------|-------|-------|------|------|------|-------|
| Morse Street..... | 271 | 13 | 12 | 24 | 11 | 18 | 3 | 9 | 16 | 29 | 10 | 145 |
| Palace " | 269 | 4 | 9 | 6 | 6 | 6 | 7 | 3 | 1 | 7 | 3 | 52 |
| York " | 249 | 51 | 56 | 45 | 34 | 55 | 41 | 18 | 41 | 77 | 40 | 458 |
| Cottingham Street.. | 164 | 8 | 12 | 14 | 14 | 10 | 13 | 10 | 10 | 7 | 11 | 109 |
| Leslie " .. | 65 | 1 | 1 | 10 | 1 | 4 | 3 | 3 | 0 | 6 | 3 | 32 |
| Mabel " .. | 129 | 11 | 13 | 16 | 9 | 6 | 11 | 7 | 13 | 14 | 16 | 116 |
| Spadina Ave..... | 138 | 10 | 13 | 5 | 4 | 8 | 5 | 7 | 15 | 19 | 20 | 106 |
| Howard Street..... | 50 | 12 | 18 | 27 | 16 | 16 | 9 | 16 | 14 | 20 | 3 | 151 |
| Orphans' Home | 145 | 5 | 0 | 0 | 7 | 2 | 3 | 3 | 7 | 1 | 3 | 31 |
| College Ave..... | 111 | 56 | 81 | 98 | 56 | 58 | 51 | 54 | 61 | 81 | 49 | 645 |
| Boys' Home | 107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 12 |
| Girls' " | 50 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 3 | 3 | 11 |
| Sackville Street.... | 84 | .. | .. | 2 | 6 | 0 | 4 | 3 | 23 | 15 | 9 | 62 |
| Euclid Ave... .. | 165 | .. | .. | .. | 16 | 19 | 29 | 25 | 31 | 59 | 23 | 202 |
| Total..... | 16874 | 1446 | 1439 | 1308 | 858 | 1024 | 896 | 1155 | 1214 | 1647 | 1115 | 12102 |

TABLE E.

*Comparative Statement of the City Schools, under Specific Headings,
from 1844 to 1887, 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 an. on basis of Registered Attendance. | Cost per child per an. on basis of Daily Attendance. |
|-------|------------------|--------------------------------|---------------------------|------------------|--|--|---|--|
| 1844 | 18500 | .... | 1194 | 12 | 100 | 4½ months, \$ 5,508 | ..... | \$ 5 00 |
| 1845 | 19706 | .... | 1208 | 12 | 92 | 12 " 7,684 | ..... | 7 00 |
| 1846 | 20565 | .... | 1212 | 15 | 81 | 12 " 8,044 | ..... | 6 00 |
| 1847 | 21734 | .... | 1255 | 13 | 97 | 12 " 7,484 | ..... | 6 00 |
| 1848 | 23503 | .... | 1431 | 13 | 110 | 6 " 3,668 | ..... | 5 20 |
| 1849 | 24226 | .... | 1325 | 13 | 102 | 6 " 3 668 | ..... | 5 08 |
| 1850 | 25766 | .... | 1259 | 15 | 91 | 12 " 7,992 | ..... | 6 30 |
| 1851 | 30762 | 1843 | 1266 | 16 | 85 | 12 " 9,624 | \$ 5 80 | 7 20 |
| 1852 | 35000 | 1872 | 1346 | 16 | 84 | 12 " 10,232 | 5 40 | 7 40 |
| 1853 | 40000 | 1886 | 1402 | 20 | 70 | 12 " 12 860 | 7 00 | 9 00 |
| 1854 | 41500 | 1971 | 1456 | 21 | 69 | 12 " 16,704 | 8 50 | 11 40 |
| 1855 | 42500 | 2066 | 1570 | 31 | 50 | 12 " 20,872 | 10 00 | 13 00 |
| 1856 | 43250 | 2318 | 1747 | 32 | 55 | 12 " 22,568 | 10 00 | 12 80 |
| 1857 | 45000 | 2480 | 1863 | 36 | 52 | 12 " 24,216 | 10 00 | 13 00 |
| 1858 | 47500 | 2522 | 1987 | 36 | 55 | 12 " 26,386 | 9 69 | 12 80 |
| 1859 | 45000 | 2742 | 2150 | 38 | 56 | 12 " 25,212 | 9 20 | 11 73 |
| 1860 | 45000 | 2846 | 2260 | 38 | 59 | 12 " 26 044 | 9 15 | 11 52 |
| 1861 | 44743 | 2800 | 2180 | 38 | 57 | 12 " 25,640 | 9 16 | 11 75 |
| 1862 | 45000 | 2825 | 2183 | 38 | 57 | 12 " 25,054 | 8 94 | 11 48 |
| 1863 | 47500 | 3000 | 2187 | 38 | 60 | 12 " 25,636 | 8 54 | 11 21 |
| 1864 | 47500 | 3121 | 2400 | 39 | 61 | 12 " 26,184 | 8 39 | 10 91 |
| 1865 | 47500 | 3248 | 2251 | 40 | 56 | 12 " 26,448 | 8 11 | 11 75 |
| 1866 | 47500 | 3139 | 2399 | 41 | 58 | 12 " 27,548 | 8 52 | 11 17 |
| 1867 | 47000 | 3364 | 2609 | 41 | 64 | 12 " 26,900 | 7 90 | 10 31 |
| 1868 | 50000 | 3657 | 2810 | 45 | 62 | 12 " 29,444 | 7 94 | 10 33 |
| 1869 | 55000 | 3906 | 3132 | 46 | 68 | 12 " 30,460 | 7 80 | 9 73 |
| 1870 | 56000 | 4106 | 3288 | 50 | 64 | 12 " 33,348 | 8 02 | 10 02 |
| 1871 | 57500 | 4646 | 3638 | 52 | 70 | 12 " 35,000 | 7 53 | 9 62 |
| 1872 | 58000 | 5100 | 4070 | 61 | 67 | 12 " 42,500 | 8 03 | 10 44 |
| 1873 | 60000 | 5536 | 4453 | 65 | 69 | 12 " 55 500 | 10 02 | 12 46 |
| 1874 | 62000 | 5924 | 4814 | 75 | 85 | 12 " 52 000 | 6 31 | 10 80 |
| 1875 | 64000 | 6447 | 5386 | 90 | 72 | 12 " 58,772 | 6 08 | 10 91 |
| 1876 | 65000 | 6912 | 5976 | 94 | 73 | 12 " 60 456 | 6 17 | 10 13 |
| 1877 | 67000 | 7606 | 6860 | 128 | 59 | 12 " 76,006 | 6 90 | 11 07 |
| 1878 | 68000 | 7276 | 7467 | 140 | 59 | 12 " 83,792 | 7 29 | 11 22 |
| 1879 | 70000 | 8910 | 8144 | 148 | 60 | 12 " 89,713 | 7 44 | 11 02 |
| 1880 | 73000 | 8987 | 8215 | 150 | 60 | 12 " 92,842 | 7 45 | 11 30 |
| 1871 | 92000 | 9321 | 8409 | 162 | 58 | 12 " 98,602 | 7 91 | 11 75 |
| 1872 | 93000 | 9874 | 8802 | 176 | 56 | 12 " 110,872 | 8 13 | 11 52 |
| 1883 | 95000 | 11191 | 10111 | 200 | 56 | 12 " 134,317 | 8 77 | 13 28 |
| 1884 | 96000 | 13281 | 11758 | 227 | 59 | 12 " 147,821 | 8 42 | 12 57 |
| 1885 | 110000 | 13905 | 12484 | 241 | 58 | 12 " 161,399 | 8 86 | 12 93 |
| 1886 | 118403 | 15365 | 13642 | 257 | 60 | 12 " 170,941 | 8 34 | 12 34 |
| 1887 | 126169 | 16874 | 14838 | 288 | 59 | 12 " 211,798 | 9 59 | 14 94 |

TABLE F.

List of Teachers, showing the Division taught by each teacher ; their Certificates, and the dates at which they entered the service of the Board.

| NAMES. | CERTIFICATES. | ENTERED SERVICE OF BOARD. (Last Time) |
|--------------------------------|---------------|---|
| PRINCIPALS. | | |
| Miss C. M. Churchill, | 1st B. | October, 1858 |
| Martin Gill, | 1st A. * | November, 1859 |
| Samuel McAllister, | 1st A. | November, 1859 |
| Miss Annie L. Armstrong, | 2nd A. | July, 1861 |
| Miss Olivia Dunn, | 1st A. | January, 1864 |
| Richard Lewis, | 1st A. * | September, 1867 |
| John Phillips, | 1st C. * | June, 1868 |
| John Campbell, | 1st A. * | November, 1868 |
| Miss E. A. Williams, | 1st B. | October, 1870 |
| A. F. Macdonald, | 1st A. * | May, 1871 |
| Robert W. Doan, | 1st B. | April, 1872 |
| W. J. Hendry, | 1st C. | January, 1873 |
| Andrew Hendry, | 1st C. | September, 1874 |
| Levi J. Clark, | 1st C. | November, 1874 |
| Miss Hessie How, | 2nd B. | February, 1875 |
| Miss Annie I. Cameron, | 1st A. | August, 1875 |
| Mrs. G. S. Riches, | 2nd A. | September, 1875 |
| Mrs. J. S. Arthurs, | 1st A. | February, 1876 |

TABLE F.—(CONTINUED.)

| NAMES. | CERTIFICATES. | ENTERED SERVICE OF BOARD. (<i>Last Time.</i>) | |
|----------------------------|---------------|--|------|
| G. K. Powell, | 1st A. | January, | 1877 |
| Adam Morrison, | 2nd A. | January, | 1877 |
| George Crane, | 2nd B. | January, | 1877 |
| R. T. Martin, | 2nd B. | January, | 1877 |
| Miss F. McKee, | 2nd B. | October, | 1879 |
| Thomas Parker, | 2nd A. | September, | 1881 |
| James Boddy, | 2nd B. | September, | 1881 |
| Mrs. G. C. Warburton, | 1st C. | September, | 1881 |
| Miss E. Gillin, | 1st C. | January, | 1882 |
| E. A. Stevens, | 1st C. | March, | 1883 |
| J. T. Slater, | 1st C. | September, | 1883 |
| J. E. Armstrong, | 2nd A. | September, | 1883 |
| Chas. S. McMain, | 1st B.* | September, | 1883 |
| Harold Clark, | 1st C. | January, | 1884 |
| Alexander Muir, | 1st A.* | May, | 1884 |
| ASSISTANT TEACHERS. | | | |
| A. McMillan, | 1st A. | November, | 1884 |
| E. Byfield, | 1st C. | November, | 1884 |
| Thomas Hogarth, | 2nd B. | January, | 1886 |
| Chester Ferrier, | 1st C. | October, | 1886 |

* Granted by Co. Board. Made Provincial by Act of Legislature, 1885.

TABLE F.—(CONTINUED.)
FEMALE ASSISTANT TEACHERS.

| NAMES. | CERTIFICATES. | ENTIRED SERVICE OF BOARD. (Last Time.) |
|----------------------------|---------------|---|
| Miss M. J. Keown, | 1st A.* | April, 1852 |
| " Elizabeth Kennedy, | 2nd A. | November, 1855 |
| " Susan Hamilton, | 1st C. | April, 1858 |
| " Rebecca Thompson, | 2nd A. | October, 1859 |
| " Kate A. Scarlett, | 2nd B. | January, 1863 |
| " Jessie Rogers, | 1st B. | January, 1865 |
| " Charlotte Spotton | 1st B. | April, 1866 |
| Mrs. Annie Carey, | 2nd A. | September, 1870 |
| Miss J. A. Cruise, | 1st C. | September, 1870 |
| " Mary A. Worth, | 1st A. | September, 1870 |
| " Jessie Campbell, | 1st C.* | October, 1870 |
| " Margaret Coyne, | 1st C. | February, 1871 |
| Mrs. Lilly Leadlay, | 1st B. | March, 1872 |
| Miss Emma Kennedy, | 1st C. | April, 1872 |
| " A. M. Killoch, | 1st C. | April, 1872 |
| " S. McCreight, | 1st A. | April, 1872 |
| " Susan McKenzie, | 2nd A. | April, 1872 |
| " Carrie M. Gray, | 1st A. | January, 1873 |
| " Maria Woods, | 1st C. | January, 1873 |
| " Amelia Sims, | 2nd A. | February, 1873 |
| " Margaret Hunter, | 2nd B. | April, 1873 |
| Mrs. M. A. Gregg, | 2nd A. | August, 1873 |
| " E. A. Green, | 1st C. | March, 1874 |

TABLE F.—(CONTINUED.)
FEMALE ASSISTANT TEACHERS.

| NAMES. | CERTIFICATES. | ENTERED SERVICE OF BOARD. (Last Time.) |
|------------------------------|---------------|---|
| Miss Jane Smyth, | 1st A.* | March, 1874 |
| " Mary Gunn, | 1st B. | September, 1874 |
| Mrs. J. A. McBrien, | 2nd B. | September, 1874 |
| Miss Thomasina Carlyle, | 2nd B. | August, 1875 |
| " Louisa Lumsden, | 2nd B. | August, 1875 |
| Mrs. M. A. McDonald, | 1st C.† | August, 1875 |
| Miss Mary A. Westman, | 2nd A. | August, 1875 |
| Mrs. Emma Lilly, | 2nd | September, 1875 |
| Miss Isabella Mearns, | 1st B. | September, 1875 |
| " Minnie Smith, | 2nd A. | September, 1875 |
| " Alice Freeman, | 2nd B. | October, 1875 |
| " Carrie J. Watson, | 2nd B. | October, 1875 |
| " Martha Sefton | 2nd B. | January, 1876 |
| Mrs. J. S. Balmer, | 1st | April, 1876 |
| Miss J. Gunn, | 1st C. | August, 1876 |
| " C. Sykes, | 2nd B. | August, 1876 |
| " Kate M. Allen, | 2nd A. | October, 1876 |
| " Charlotte F. Jackson, | 2nd B. | October, 1876 |
| Mrs. Breckon, | 1st B. | January, 1877 |
| Miss Eliza M. Chadwick, | 2nd B. | January, 1877 |
| " Elizabeth Foulds, | 2nd B. | January, 1877 |
| " L. Gellatly, | 2nd B. | January, 1877 |
| " A. A. Gray, | 1st C. | January, 1877 |
| " E. R. Gray, | 2nd B. | January, 1877 |

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| Miss Sarah Hagarty | |
| " L. Kessack | |
| Mrs. McCuaig | |
| Miss L. Payne | |
| " E. Y. Sams | |
| " A. M. Sefton | |
| " S. L. Taylor | |
| " Florence Thompson | ..... |
| " Lois Slater | ..... |
| Mrs. M. Steward | ..... |
| Miss M. Spence | ..... |
| " Agnes McIntyre | ..... |
| " F. Martin | ..... |
| " M. Milre | ..... |
| " E. C. Sturrock | ..... |
| " May F. Spence | ..... |
| " F. Sims | ..... |
| " Miss L. Dickinson | ..... |
| " M. J. McCally | ..... |
| " M. Mullen | ..... |
| " I. Nudel | ..... |
| " Louise Baily | ..... |
| Mrs. Llwyd | ..... |
| Miss J. Anderson | ..... |
| " J. F. Brown | ..... |
| " Jessie Mark | ..... |
| " A. S. Martin | ..... |
| " S. E. A. Scobie | |
| " M. Smyth | |
| " P. Black | |
| " A. McKee | |
| " Mrs. M. J. Greer | |
| " Miss Carrie Cathcart | |
| " A. V. Beattie | |

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TABLE F.—(CONTINUED.)

FEMALE ASSISTANT TEACHERS.

| NAMES. | CERTIFICATES. | ENTERED SERVICE OF BOARD. (Last Year) | |
|-----------------------------|---------------|---|------|
| Miss Ellen Daw, | 2nd A. | September, | 1881 |
| " M. Fetherstonhaugh, | 2nd B. | September, | 1881 |
| " E. N. Harney, | 1st B. | September, | 1881 |
| " Helen J. Lanskail, | 2nd B. | September, | 1881 |
| " Jessie Semple, | 2nd B. | September, | 1881 |
| Mrs. A. Thorold, | 1st B. | September, | 1881 |
| Miss Amy Fell, | 2nd A. | October, | 1881 |
| " M. Emery, | 2nd B. | January, | 1882 |
| " Kate A. Hardy, | 2nd B. | January, | 1882 |
| " Jennie Milne, | 2nd A. | January, | 1882 |
| " Lizzie McCreight, | 2nd B. | January, | 1882 |
| " Jessie Niven, | 2nd B. | January, | 1882 |
| " Amy Sanderson, | 2nd B. | January, | 1882 |
| " S. Tomlinson, | 2nd B. | January, | 1882 |
| " R. Church, | 2nd A. | September, | 1882 |
| " M. E. Glassford | 2nd B. | September, | 1882 |
| " H. Johnston, | 1st C. | September, | 1882 |
| " G. Langlois, | 2nd A. | September, | 1882 |
| Mrs. M. K. MacGregor, | 1st A. | September, | 1882 |
| Miss Rachel E. Purdie, | 2nd B. | September, | 1882 |
| " M. Sanders, | 2nd A. | September, | 1882 |
| " M. G. Sheppard, | 2nd A. | September, | 1882 |
| " M. B. Shier, | 2nd B. | September, | 1882 |

| | | | |
|---------------------------|--------|------------|------|
| Miss J. M. Wallace | 2nd B. | September, | 1882 |
| " M. White | 2nd B. | September, | 1882 |
| " I. F. McKim | 1st A. | October, | 1882 |
| " M. August | 2nd B. | November, | 1882 |
| " E. Clarke | 2nd B. | November, | 1882 |
| " Emily Langton | 1st B. | November, | 1862 |
| " Sarah Smith | 2nd B. | November, | 1882 |
| " E. McAdam | 2nd B. | January, | 1883 |
| " M. Tomlinson | 2nd A. | January, | 1883 |
| " E. Sims | 2nd B. | March, | 1883 |
| " J. Bradshaw | 2nd B. | September, | 1883 |
| " E. Berney | 2nd B. | September, | 1883 |
| " A. Coupland | 2nd B. | September, | 1883 |
| " J. Eadie | 2nd A. | September, | 1883 |
| " H. Fraser | 1st B. | September, | 1882 |
| " M. Fortune | 2nd B. | September, | 1883 |
| M. E. Kettles | 2nd B. | September, | 1883 |
| " L. Palmer | 2nd A. | September, | 1883 |
| " M. Sturrock | 2nd B. | September, | 1883 |
| " C. E. Christie | 2nd B. | October, | 1883 |
| " N. Johnston | 2nd B. | October, | 1883 |
| " H. M. Jones | 2nd B. | October, | 1883 |
| " Emma C. Williams | 2nd B. | December, | 1883 |
| " M. Anderson | 2nd B. | January, | 1884 |
| Mrs. R. A. Cranfield .. | 2nd B. | January, | 1884 |
| Miss Alice M. Hodgson, .. | 2nd B. | January, | 1884 |
| " L. Tector | 2nd B. | January, | 1884 |
| " A. Wilson | 2nd A. | January, | 1884 |
| " Nellie Woolley | 2nd B. | January, | 1884 |
| Mrs. A. Polley | 2nd B. | February, | 1884 |
| " Miss M. Pidgeon | 2nd B. | February, | 1884 |
| " A. D. Chown | 2nd B. | September, | 1884 |
| " A. E. Cullen | 2nd B. | September, | 1884 |
| " B. Carroll .. | 2nd B. | September, | 1884 |

ASSISTANT FEMALE TEACHERS.

| NAMES. | CERTIFICATES. | ENTERED SERVICE OF BOARD. (Last Time) |
|------------------------|---------------|---|
| Miss C. Gray | 2nd B. | September, 1884 |
| " I. Hes. | 1st B. | September, 1884 |
| " M. L. Johnston | 2nd B. | September, 1884 |
| Mrs. MacFarlane | 3rd B. | September, 1884 |
| Miss M. Martin .. | 2nd B. | September, 1884 |
| " A. Myers | 2nd B. | September, 1884 |
| " C. Niven.... | 2nd A. | September, 1884 |
| " H. Ross | 2nd A. | September, 1884 |
| " C. E. Sanderson | 2nd B. | September, 1884 |
| " M. J. Warren.... | 2nd B. | September, 1884 |
| " L. Young .. | 2nd B. | September, 1884 |
| " C. Eadie | 2nd B. | October, 1884 |
| " L. McFaul | 2nd B. | October, 1884 |
| " Mary Sheppard.. | 2nd B. | October, 1884 |
| " J. Gray | 2nd A. | December, 1884 |
| " L. Woolley | 2nd A. | March, 1885 |
| " P. Henry.... | 2nd B. | April, 1885 |
| Mrs. Kendrick | 2nd B. | June, 1885 |
| Miss L. Brown.... | 2nd A. | September, 1885 |
| " F. E. Sneath | 2nd A. | September, 1885 |
| " A. H. Sanders | 2nd B. | September, 1885 |
| " E. McTaggart.... | 2nd B. | September, 1885 |
| " L. Baillie, | 2nd B. | October, 1885 |
| " L. M. Starrette .. | 2nd A. | October, 1885 |
| " M. Logan ... | 2nd B. | December, 1885 |

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TABLE F.—(CONTINUED.)
FEMALE ASSISTANT TEACHERS.

| NAMES. | CERTIFICATES. | ENTERED SERVICE OF BOARD. (Last Time.) |
|---------------------------|---------------|---|
| Miss M. L. McMillan, | 2nd B. | October, 1886 |
| " L. Riddell, | 2nd A. | October, 1886 |
| " P. Reinhart, | 2nd A. | October, 1886 |
| " G. Tuthill, | 2nd B. | October, 1886 |
| " B. M. White, | 2nd B. | October, 1886 |
| " A. M. Calder, | 2nd B. | November, 1886 |
| " M. Macallum, | 2nd A. | November, 1886 |
| " S. E. Barrington, | 2nd B. | December, 1886 |
| " J. Charlton, | 2nd B. | December, 1886 |
| " A. Neild, | 2nd B. | December, 1886 |
| " F. Bright, | 2nd B. | January, 1887 |
| " M. Cowan, | 2nd A. | January, 1887 |
| " K. Burt, | 2nd A. | February, 1887 |
| " A. Mullin, | 2nd B. | February, 1887 |
| " J. Pearse, | 2nd B. | February, 1887 |
| " S. Phillips, | 2nd A. | February, 1887 |
| " L. Sturrock, | 2nd A. | February, 1887 |
| " A. Underwood, | 2nd A. | February, 1887 |
| " L. Wiggins, | 2nd A. | February, 1887 |
| " M. Drury, | 2nd A. | April, 1887 |
| " J. Forbes, | 2nd B. | April, 1887 |
| " E. Fyfe, | 2nd A. | April, 1887 |
| " E. Keown, | 2nd B. | April, 1887 |
| " M. McMaster, | 2nd A. | May, 1887 |
| Mrs. S. Ter Hune, | 2nd A. | May, 1887 |

TABLE F.—(CONTINUED.)
FEMALE ASSISTANT TEACHERS.

| NAMES. | CERTIFICATES. | ENTERED SERVICE OF BOARD. (<i>Last Time.</i>) | |
|----------------------------|---------------|--|------|
| Miss L. Devlin, | 2nd A. | September, | 1887 |
| " C. Hodgert, | 2nd B. | September, | 1887 |
| " M. Hatty, | 2nd A. | September, | 1887 |
| " B. McConnell, | 2nd B. | September, | 1887 |
| " K. Rogers, | 2nd B. | September, | 1887 |
| " F. G. Sanders, | 2nd B. | September, | 1887 |
| " M. Thompson, | 2nd B. | September, | 1887 |
| " J. Bell, | 2nd B. | October, | 1887 |
| " Z. C. Carey, | 2nd B. | October, | 1887 |
| " C. Eakin, | 2nd B. | October, | 1887 |
| " J. Leeming, | 2nd B. | October, | 1887 |
| " M. Sanderson, | 2nd B. | October, | 1887 |
| " I. Fraser, | 2nd B. | December, | 1887 |
| " M. J. Gillin, | 2nd B. | December, | 1887 |
| " L. Keele, | 2nd A. | December, | 1887 |
| " M. Murphy, | 2nd A. | December, | 1887 |
| " L. P. Rankin, | 2nd B. | December, | 1887 |

* Granted by County Board. Made Provincial by Act of Legislature, 1885.

TABLE F.—(CONTINUED.)
FEMALE ASSISTANT TEACHERS.

| NAMES. | CERTIFICATES. | ENTERED SERVICE OF BOARD. (Last Time) |
|------------------------|---------------|--|
| KINDERGARTNERS. | | |
| " L. N. Currie, | | September, 1884 |
| " E. N. Dawkins, | | September, 1884 |
| " B. Nudel, | | September, 1884 |
| " A. Fortune, | | January, 1886 |
| " K. Rankin, | | September, 1886 |
| " D. Walton, | | September, 1886 |
| " M. Paterson, | | September, 1886 |
| " R. Campbell, | | September, 1886 |
| " F. Dawkins, | | September, 1886 |

MR. CRINGAN'S REPORT ON MUSIC.

To the Chairman of the Public School Board, Toronto :

SIR,—Since my appointment as teacher of music in the Junior Classes I have been much pleased with the progress which has been made by the pupils, and the interest with which they have entered into the study of music. At first considerable difficulty was experienced in securing good quality of tone, but this is being gradually overcome, and in many classes, shouting and forcing of voice has been displaced by purity and sweetness of tone, none being more delighted with the improvement than the pupils themselves.

Considering the fact that many of the teachers have had no previous musical training, the results have been exceedingly gratifying, as in many classes the pupils can read from musical notation as easily as from an ordinary English text book.

I have to acknowledge my indebtedness to the regular teachers for their hearty co-operation in the work, without which my efforts would have been almost fruitless owing to the interval between my visits being necessarily a long one.

At the classes for teachers held during March, April and May the average attendance was one hundred and forty-six (146), the total number of teachers in the junior divisions at that time being one hundred and eighty (180).

I would recommend that a series of text books be adopted for use in the schools, as the authorized text book in music is too high-priced to be within reach of the average pupil. I would

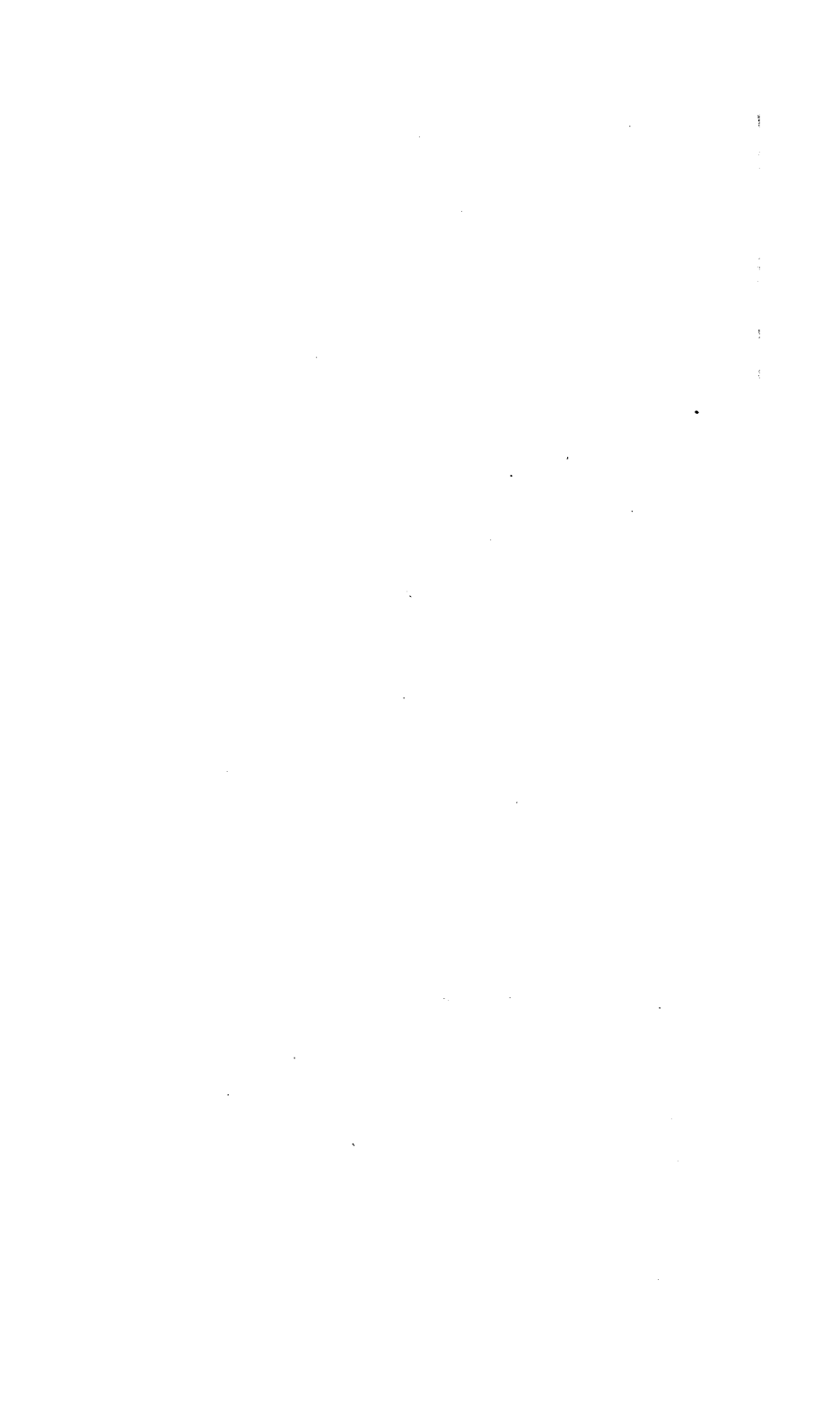
further recommend that a choir be formed to practise the music to be sung at the annual closing in June.

Respectfully submitted,

ALEX. F. CRINGAN.



Examination Papers.



EXAMINATION PAPERS.

COMBINED EXAMINATION.

ARITHMETIC.

SENIOR FIFTH BOOK.

1. A bridge is supported by four cables, composed of 6,300 wires, each 3,578 feet long. How many feet would all these wires extend if laid end to end? How many yards? How many miles?

2. What sum of money paid at the beginning of the year would be equal to a salary of £386 3s 0d per annum, paid quarterly, allowing discount at the rate of 5 per cent. per annum?

3. By buying a house at 10 per cent. less than it cost to build, and selling at a profit of 25 per cent., I gained \$675.00. Find the cost of building, and the selling price.

4. Find the compound interest on \$4000.00 for 1 year and 3 months, interest being paid quarterly at 4 per cent. per annum.

5. The salary of a college professor is \$3500 a year, and is paid by the income from bonds yielding a semi-annual dividend of $1\frac{3}{4}$ per cent.; what did they cost at $94\frac{1}{8}$, brokerage $\frac{1}{8}$ per cent.?

6. A vessel steaming at the rate of 11 knots (each 2,000 yards) an hour, fires a gun for her consort. The report is heard by the crew of the latter vessel 12 seconds after the flash is seen. At what rate (miles per hour) must they steam to overtake the first vessel in 3 hours if sound travels 1100 feet per second?

7. A merchant sold 88 yards of different kinds of cloth for \$198.00. The prices per yard were \$1.75, \$1.90, \$2.50, \$3.00. Find the number of yards of each kind of cloth sold.

8. How many square feet of lumber will it take to cover the gable of a barn 56 feet wide, if its height above the level of the eaves is $14\frac{2}{3}$ feet?

9. Find the convex surface and the entire surface of a cone, the slant height of which is 24 inches, and the diameter of the base 20 inches.

ALGEBRA.

SENIOR FIFTH BOOK.

1. If $a = 1$, $b = -1$, $c = 2$, $d = -3$, find the numerical value of $\frac{(a-b)(b-c)(c-d)}{(b-a)(c-b)(d-c)}$
2. Simplify $\{ (a+b)x + (a-b)y \} - \{ (a-b)x - (a-b)y \} + (a+x)(b-y) - (b-y)x$.
3. Find the H. C. F. of $4x^4 + 9x^3 + 2x^2 - 2x - 4$, and $3x^3 + 5x^2 - x + 2$.
4. Simplify (a). $\frac{6a^3 - 22a^2b + 12ab^2}{27a^3 - 27a^2b + 6ab^2}$
 (b). $\frac{1}{4ab - a^2 - 4b^2} - \frac{1}{3a^2 - 7ab + 2b^2}$
 (c). $\left(1 + \frac{x}{1-x} \right) \times \left(1 - \frac{x}{1+x} \right) \times \left(1 - x^2 + \frac{1-x^2}{x} \right)$

5 Solve (a) $3x - 3(x - 1)(9x - 1) = 23 - (1 - 6x)(1 - 33x)$,

(b) $\frac{2}{2x-3} = \frac{6}{3x+2} - \frac{1}{x-2}$

(c) $15x^2 + 7x - 4 = 0$.

6. The length of a field is twice its breadth ; another field, which is 50 yards longer and 30 feet broader, contains 6,800 square yards more than the former ; find the size of each.

GEOMETRY.

SENIOR FIFTH BOOK.

1. If two triangles have two angles of the one equal to two angles of the other, each to each, and the sides adjacent to the equal angles in each also equal, then shall the three sides be equal each to each, and also the third angle of the one equal to the the third angle of the other. (I. 26)
2. Equal triangles upon equal bases in the same straight line, and on the same side of it, are between the same parallels.
4. If a straight line be divided into two equal parts, and also into two unequal parts, the rectangle contained by the unequal parts, together with the square on the line between the points of section, are equal to the square on half the line. (II. 5.)
4. To divide a straight line into two parts, so that the rectangle contained by the whole and one part shall be equal to the square on the other part. (II. 11.)
5. Show, algebraically or otherwise, that in such a case the rectangle contained by the two parts is equal to the rectangle contained by the whole line and a line equal to the difference of the two parts.

ENGLISH GRAMMAR AND COMPOSITION.

SENIOR FIFTH BOOK.

1. What are the accidents of a noun ?
2. Explain peculiarities in *songstress, children, bridegroom*.
3. How are *better, worse, more*, formed ?
4. Derive *what, which, not*.
5. Account for the forms *are, was, been*, in the verb to be.
6. Classify conjunctions, giving an example of each kind.
7. Define sentence, clause, phrase.
8. Analyse :—"Come, then, in the early morning ; when the mist in maiden shape is still dreaming beside the spinney ; I will show you the pool where the silver monarch lurks, clad in shining armor with studs of gold. Now lay out gently a skittering coachman beneath his bank, and be sure that he will not refuse it."
9. Parse words in italics in the following sentence :—"The *day being fine, either he or you must row the course once before noon*."
10. Write an essay of not more than ten lines on one of the following subjects :

School is a miniature world.

Our dumb friends.

SPELLING, DERIVATION, ETC.

SENIOR FIFTH BOOK.

1. Write from dictation (The High School Reader) :
 - (a) Page 223, beginning "Such was," and ending "rival."
 - (b) Words to be dictated.
2. Derive the following words, giving the meanings of the *roots*, also of the *prefixes* and *affixes*, where they occur :

| | |
|---------------|-------------|
| abhorrence, | disaster, |
| conspirator, | phantom, |
| inanimate, | philosophy, |
| magnificent, | remote, |
| proclamation, | rival, |
| bible, | abstract, |
| transgress. | |
3. Give the forces of the following prefixes, and an example of each : *ultra, retro, para, peri*.
4. Give the meanings of the following roots, and one English word from each : *rodo, mollis, monos, eu*.
5. Give the meanings of *accessible, elf, mercenary, sultry, malevolence*.

 HISTORY.

SENIOR FIFTH BOOK.

1. Give an account of "Queen Anne's War."
2. Name the principal discoverers connected with Canadian History, and give a particular account of any two.
3. Give the history of the "fisheries" question.

4. Sketch the history of Canada under Lord Dufferin.
 5. What was the title of the House of Hanover to the throne?
Give the names of the sovereigns of that family, and the dates of their accession.
 6. Give an account of the founding of the East Indian Empire.
 7. Sketch the career of the younger Pitt.
 8. Give an outline of the reign of Victoria the Good.
-

GEOGRAPHY.

SENIOR FIFTH BOOK.

1. Show, by diagrams, the relative positions of the sun, moon, and earth : (a) During an eclipse of the sun. (b) During an eclipse of the moon. (c) At the time of neap tide.
2. When it is 2 p.m., local time, at Toronto, what is the local time at a point 35 degrees west of Toronto?
3. Draw a map of Europe, marking the chief countries, their capitals and principal rivers.
4. Give the boundaries of New Brunswick and of the County of York (Ontario.)
5. What and where are the following : St. Maurice, Trinidad, Cincinnati, Muscat, Hong Kong, Tasmania, Calgarry.
6. In the Dominion of Canada from whom do the following receive their appointments : The Governor-General, Members of the Senate, the Lieutenant-Governors of the Provinces, the Judges?

7. Where do the following rivers empty, and what is the chief city on each: Ohio, Tigris, Delaware, St. John, Mersey, Potomac, Ganges?
-

BOOK-KEEPING.

SENIOR FIFTH BOOK.

1. What is the object of Book-keeping. Name all the books used in keeping a set of connected accounts.
 2. Describe, fully, the method of closing the Ledger.
 3. On March 2nd we have on hand \$3,000 00 cash. On the same day we pay for goods \$2,834.16, also rent of store. \$11.00, and for sundry expenses, \$13.84. On March 3rd we received for cash sales, \$14.21, and on March 4th received for cash sales, \$9.00. March 5th paid Thomas Peavey, \$20.00, and received for cash sales, \$35.50. Make out a statement of these cash transactions, with Dr. and Cr. columns, and show the balance on hand on March 6th.
 4. Define a Promissory Note, a Demand Note, a Collateral Note, an Individual Note, a Negotiable Note.
 5. Henry James owes me on account \$1,500; he fails, and I receive from him: cash, \$350, his note for \$250, and balance the account. Write Journal and Ledger entries.
-

HYGIENE.

SENIOR FIFTH BOOK.

1. Why give emetics in poisoning? Name some emetics. What is an *Antidote*?

2. Treat a case of suffocation from Common Burning Gas.
 3. What is meant by food "going the wrong way?" Why is this not a frequent occurrence? How else may choking be caused?
 4. Disinfect a sick room after a case of *Scarlatina*.
 5. Causes and treatment of *Croup*.
-

MUSIC.

SENIOR FIFTH BOOK.

1. What is meant by accent in music?
 2. Define key-signature, tonic, minor-third.
 3. What are the key-signatures of A major and B minor?
 4. What is melody?
 5. Define modulation.
-

ARITHMETIC.

JUNIOR FIFTH BOOK.

1. State and prove by means of an example, the rule for multiplication of fractions.
2. A bridge is supported by 4 cables, each composed of 6,300 wires, each 3,578 feet long. How many feet would all these wires extend if laid end to end? How many yards? How many miles?
3. A person picks up 20 stones placed in a straight line a yard apart, carrying each one separately to the end of the line; what distance does he travel?

4. One-fourth of a garden, containing 4 acres is planted with potatoes, four-sevenths with cabbages, one-twelfth with various other vegetables, and the remainder is occupied by paths. What is the length of the paths if they have an average breadth of 5 feet?
5. What sum of money paid at the beginning of the year, would be equal to a salary of £336 3s. od. per annum, paid quarterly, allowing discount at the rate of 5 per cent. per annum?
6. By buying a house at 10 per cent. less than it cost to build, and selling at a profit of 25 per cent., I gained \$675.00. Find the cost of building and the selling price.
7. Find the compound interest on \$4,000.00 for 1 year, 3 months, interest being payable quarterly, at 4 per cent. per annum.
8. The united area of the faces of a cubical block of granite is 3,750 square feet. Find the side of the cube.

ALGEBRA.

JUNIOR FIFTH BOOK.

1. If $a = 1$, $b = -1$, $c = 2$, $d = -3$, find the numerical value of
$$\frac{(a-b)(b-c)(c-d)}{(b-a)(c-b)(d-c)}$$
2. Simplify $\{ (a+b)x + (a-b)y \} - \{ (a-b)x - (a+b)y \} + (a+x)(b-y) - (b-y)x$.
3. Multiply $4x^2 - 12xy - 9y^2 + 8xz - 12yz + 16z^2$ by $2x - 3y - 4z$.
4. Find the H. C. F. of $4x^4 + 9x^8 + 2x^2 - 2x - 4$ and $3x^3 + 5x^2 = x + 2$.

5. Simplify $\frac{6a^3 - 22a^2b + 12ab^2}{27a^3 - 27a^2b + 9ab^2}$.
6. Simplify $(x^2 + 1 + \frac{1}{x^2}) \div (\frac{1}{x} - 1 + x)$.
7. Solve $\frac{1}{3}(2x-3) - \frac{3x+3}{4} = \frac{5x-4}{6} - \frac{1}{12}(7x+6)$.
8. Divide the No. 208 into two parts, such that the sum of the fourth of the greater and the third of the maller is less by 4 than four times the difference of the two parts.

GEOMETRY.

JUNIOR FIFTH BOOK.

1. Define plane rectilineal angle, circle, and rhombus.
2. If two triangles have two sides of the one equal to two sides of the other, each to each, and have also the angles contained by these sides equal to one another, they shall also have their bases or third sides equal, and the two triangles shall be equal, and their other angles shall be equal, each to each, namely those to which the equal sides are opposite. (I, 4.)
3. Draw a straight line perpendicular to a given straight line of an unlimited length from a given point without it. (I, 12.)
4. Make a triangle of which the sides shall be equal to three given straight lines, but any two whatever of these shall be greater than the third. (I, 22.)

ENGLISH GRAMMAR AND COMPOSITION.

JUNIOR FIFTH BOOK.

1. Define Suffix, Prefix, and Radical Change.
2. Give one example each of Abstract, Collective, and Class Noun.
3. What are the different ways of forming Gender in Nouns?
4. Compare *forth*, *old*, *pleasant*, *beautiful*.
5. Give rules for the use of *what* (interrog.), *what* (relative), *such* (demonstr.), *such* (adverb).
6. Write the 1st sing. past indicative Active of the verb *to hunt*, in the Indefinite, Progressive, Perfect, Continuous (or Perfect and Progressive), and Emphatic Forms.
7. Classify Adverbs, giving one example of each kind.
8. Analyse :—" And still, when he arranges his tackle for a holiday on the streams which wind among the red woods of Santa Cruz, he sees the reflected trees and the granite dome trembling in the water, as the trout leap up to his fly ; he again hears Yang's ejaculations and commands."
9. Parse words in italics in the following sentence :—
" *John and James, the clever twins, have carried off all the honors at the University that they could possibly win.*"
10. Write an essay of not more than ten lines on one of the following subjects :—

Advantages of "beginning young."

Love of animals.

SPELLING, DERIVATION, ETC.

JUNIOR FIFTH BOOK.

1. Write, from dictation, (The High School Reader):

(a) Page 106, beginning, "All orders of men," and ending, "died for them."

(b) Words to be dictated.

2. Derive the following words, giving the meanings of the *roots*, also of the *prefixes* and *affixes* where they occur:

| | |
|--------------|-------------|
| benevolent, | redemption, |
| committed, | lucifer, |
| theological, | sentiment, |
| reclining, | describe. |
| providence, | |

3. Give the meanings of the following roots, and one English word from each:

| | |
|---------|--------|
| ango, | frons, |
| ballo, | phos, |
| loquor, | salus. |

4. Give the forces of the endings: *-let*, *dom*, *ous*, and one example of each.

5. Give the meanings of *boisterous*, *gaudy*, *ludicrous*, *melancholy*, *visage*, *Paraclete*.

 GEOGRAPHY.

JUNIOR FIFTH BOOK.

What are the boundaries and what is the width in degrees of the Torrid Zone? In what zones is the sun never vertical?

Explain the following geographical terms : Solar System, Longitude, Tropics, Isothermal Lines.

Draw a map of South America.

Name the Counties of Ontario bordering on the St. Lawrence, and the States of the American Union bordering on the Pacific Ocean.

What and where are the following : Trinidad, Miramichi, Guernsey, Andorra, Bulgaria, Venice, Said.

Give the boundaries of France.

Name the British possessions in India.

HISTORY.

JUNIOR FIFTH BOOK.

1. Connect Cardinal Richelieu with the history of Canada.
2. Name the principal Acts of Parliament that find a place in the history of Canada, and give the provisions of any two of them
3. Give the circumstances and dates of any four battles in Canadian History.
4. Sketch the history of Nova Scotia.
5. Give an account of the Norman Conquest.
6. Write notes on " Henry I.," " Thomas Becket."
7. What was the title of Henry Tudor to the throne? Name the sovereigns of that dynasty and their dates.
8. Describe the reign of Queen Elizabeth.

BOOK-KEEPING

JUNIOR FIFTH BOOK.

1. What is a business transaction. Give an example.
2. Define Debtor and Creditor. In the example given in your answer to Question 1, name the Debtor and the Creditor respectively.
3. On March 2nd we have on hand \$3,000.00 cash. On the same day we pay for goods, \$2,834.16, also rent of store, \$11.00, and for sundry expenses, \$13.84. On March 3rd we received for cash sales, \$14.21, and on March 4th received for cash sales, \$9.00, March 5th paid Thomas Peavey, \$20.00, and received for cash sales, \$35.50. Make out a statement of these cash transactions, with Dr. and Cr. columns, and show the balance on hand on March 6th.
4. Explain the meaning of Ledger, Note, Receipt, Liability.

HYGIENE.

JUNIOR FIFTH BOOK.

1. Explain how sounds are produced. Describe the *Tympanum*.
2. What is the danger in introducing a *pin* to remove any accumulation from the external ear?
3. How are the eye-balls kept moist? Name the parts of the eye that are affected when those organs have become *tired* from over-work.
4. Where are the vocal cords? State their function.
5. Name some causes for loss of voice.

MUSIC.

JUNIOR FIFTH BOOK.

1. What is music ? What is melody ?
 2. Define Staccato, Adagio, Presto, Allegro.
 3. What are leger lines ?
 4. What is an *interval* in music ?
 5. What are the key-signatures of A major and B minor ?
-

ARITHMETIC.

SENIOR FOURTH BOOK.

1. A bridge is supported by 4 cables, each composed of 6,300 wires, each 3,578 feet long. How many feet would all these wires extend if laid end to end ? How many yards ? How many miles ?
2. A man built a house for \$5,000. He employed, for a certain number of days, 3 carpenters at \$2.75 per day, 2 painters at \$2.25, 1 mason at \$3.50, and spent for lumber \$1500, for stone \$250, for hair, lime, and sand, \$250, for paints, oil, and paper, \$250, for locks, hinges; and nails, \$50.50, for plumbing, \$262. How many days were the workmen employed ?
3. If 9 lbs of rice cost as much as 4 lbs. of sugar, and 14 lbs. of sugar are worth as much as $1\frac{1}{2}$ lbs. of tea, and 2 lbs. of tea are worth 5 lbs. of coffee, find the cost of 11 lbs. of coffee if $2\frac{1}{2}$ lbs. of rice cost 5d.

4. A starts from Plymouth by road at the rate of $3\frac{1}{2}$ miles per hour, to walk to London (346 miles), and is followed after 24 hours by B on horseback, going at the rate of $10\frac{1}{2}$ miles per hour. At what distance from Plymouth, and in what time, will A be overtaken?
5. If 11 horses require $5\frac{1}{2}$ tons of hay in 5 weeks, what weight would be required by 99 horses in 7 days.
6. One-fourth of a garden containing $1\frac{3}{4}$ acres is planted with potatoes, four-sevenths with cabbages, one-twelfth with various other vegetables, and the remainder is occupied by paths. What is the length of the paths if they have an average breadth of 5 feet.
7. A fruiterer bought oranges at 1s. per score, and sold them at 1s. per dozen; what was his gain per cent.?
8. In what time will the interest on \$370.00 be \$123.33 $\frac{1}{3}$, at $3\frac{1}{3}$ per cent. per annum.

ALGEBRA.

SENIOR FOURTH BOOK.

1. If $a = 2$, $b = 3$, $c = 4$, $d = 5$, $e = 0$, find the numerical value of $4a^3 b^2 c - 5b^3 c^2 d + 7c^3 d^2 e - abcde$.
2. Find the sum of $3a^2 b + 2ab^2 - 5a^2 b^2$, $7a^2 b - 8ab^2 + 4ab^3$, $ab^2 + 7a^2 b^2 - b^4$, $a^3 - a^2 b - 2ab^2 - 2a^2 b^2$, $-a^3 - 4ab^3 + 4b^4$, $5a^3 - 9a^2 b^2 + 7ab^2$, $-9a^2 b - ab^2 - 3b^4$, $11ab^2$.
3. From $8a^9 - 7a^8 b + a^4 b^5 - 2a^6 b^3 - 11a^3 b^6 - a^2 b^7 - 8$ take $2a^6 b^3 - a^7 b^2 + a^4 b^5 + 8a^9 + 7a^8 b - a^3 b^6 - x - a^2 c^7$.
4. Multiply $4x^2 - 12xy + 9y^2 + 8xz - 12yz + 16z^2$ by $2x - 3y - 4z$.
5. Divide $6x^7 + 8x^6 - 9x^5 - 16x^4 - 4x^3 - x^2 - 10x + 20$ by $3x^3 + 4x^2 - 5$.

ENGLISH GRAMMAR AND COMPOSITION.

SENIOR FOURTH BOOK.

Define Stem, Inflexion, Accident.

What classes of Nouns add -es to the singular to form the plural ?

Frame short sentences, showing the use of *a*, *an*, *my*, and *mine*, respectively.

• What Adjectives are compared by *more* and *most* ?

Illustrate and explain the difference between a Transitive and Intransitive Verb.

What is a Mood ? Enumerate the Moods of a Verb.

Write the Principal Parts of *sing*, *will*, *buy*.

Analyse :—"The *great king gave his servant a thousand pounds* for past services, *and the servant received them with thankfulness.*"

Parse the words in italics in the foregoing sentence.

Write an essay of not more than eight lines on one of the following subjects :—

Truth will prevail.

It is never too late to mend.

SPELLING AND DERIVATION.

SENIOR FOURTH BOOK.

I. Write from dictation, (Fourth Reader):—

(a). Page 158, beginning "Meanwhile," and ending "by turns."

(b). Page 240, first stanza.

(c). Words to be dictated :—

| | | | |
|---------------|-------------|-------------|---------------|
| ammunition, | perceive, | separated, | sacrilegious, |
| fugitive, | causes, | pinnacle, | worshipping, |
| obliged, | incredible, | galloped, | vengeance, |
| inaccessible, | piteous, | stirrup, | judgment, |
| lily, | latitude, | completely, | military. |

2. Derive the following words, giving the meanings of the *roots*, also of the *prefixes* and *affixes* where they occur :

| | |
|--------------|-------------|
| acclamation, | fugitive, |
| occurrence, | facilitate, |
| transmuted, | domestic, |
| infinite, | merchant. |

3. Give the meanings of the following roots and one English word from each :—*emo*, *frango*, *seco*, *ordo*, *cor*, *grex*.

4. Give the meanings of :

| | |
|-------------|-------------|
| ooze, | dolorous, |
| incredible, | niche, |
| disparity, | chivalrous, |
| venom. | |

HISTORY.

SENIOR FOURTH BOOK.

1. Give an account of the Danish Invasion.
2. Sketch the history of the Great Charter.
3. Write notes on " John Wycliffe," " Wars of the Roses," " Wat Tyler."

4. Name the sovereigns of the Tudor dynasty, with their dates.
 5. Explain how the Crowns of England and Scotland became united.
 6. Give an account of the Revolution of 1688.
 7. Explain how the union of England and Ireland was brought about.
 8. Sketch the history of Queen Victoria.
-

GEOGRAPHY.

SENIOR FOURTH BOOK.

1. Explain the terms latitude and longitude. What is the highest degree of each? What is the latitude of the Tropic of Cancer and of the Antarctic Circle?
2. Name the counties of Ontario bordering on the River St. Lawrence, and the boundaries of the County of York.
3. What and where are the following:—Buffalo, St. John's, Leith, Gothland, Calcutta, Rhone, Port Arthur?
4. Draw a map of the British Islands, marking the chief rivers and a town or city on each.
5. Name the chief tributaries of the Mississippi and of the St. Lawrence—five of each.
6. Give the countries of Europe bordering on the Mediterranean Sea, with their capitals.

HYGIENE.

SENIOR FOURTH BOOK.

1. Show by diagram the course of the blood from the right auricle of the heart to the left ventricle.
2. What changes take place in the blood while in the lungs?
3. Disinfect a sick room after a case of measles.
4. How does water get its impurities? How can you remove those impurities?
5. What are the impurities in the air of an ill-ventilated room?

MUSIC.

SENIOR FOURTH BOOK.

1. How many different kinds of notes are used in music, and name them?
2. Define chord, measure, clef, stave.
3. What is a chromatic scale?
4. What is an interval in music?
5. What effect has a dot placed after a note? What when placed under it?

ARITHMETIC.

JUNIOR FOURTH BOOK.

1. A bridge is supported by 4 cables, each composed of 6,300 wires, each 3,578 ft. long. How many feet would all these

wires extend if laid end to end? How many yards? How many miles.

2. Define a complex fraction, a decimal fraction. Give an example of a complex fraction, reduce it to a simple fraction and also to a decimal.
3. 1,000 lbs. of cheese cost $12\frac{1}{2}$ c. per lb., 371 lbs. 12 oz. are sold at 18c per lb., 482 lbs. at 16c. per lb., and the remainder at 15c. per lb. Find the gain.
4. Three steamers leave Halifax on the same day; the first returns every two weeks, and leaves again the same day; the second returns every three weeks, and leaves the same day; the third returns every 35 days. When will they all be in Halifax together again?
5. A person picks up 20 stones placed in a straight line a yard apart, carrying each one separately to the end of the line. What distance does he travel?
6. A man built a house for \$5,000. He employed for a certain number of days 3 carpenters at \$2.75 per day, 2 painters at \$2.25 per day, 1 mason at \$3.50, and spent for lumber, \$1,500; for stone \$250; for hair, lime, and sand, \$250; for paints, oil, and paper, \$250; for locks, hinges, and nails, \$50.50; for plumbing, \$262. How many days were the workmen employed?

ENGLISH GRAMMAR AND COMPOSITION.

JUNIOR FOURTH BOOK.

1. Define adjective, adverb, conjunction.

2. What parts of speech are the words in italics in this sentence?
“*That is not true, that I second that second resolution, that*
was proposed a second ago.”
3. Give the feminines of *abbot, marquis, widower, lad, gander.*
4. Give the plurals of *child, hose, cargo, roof, datum.*
5. What parts of speech are Infinitives and Participles allied to,
and how?
6. Define an auxiliary verb. Give examples of the auxiliary use
of *do, be, have.*
7. Analyse :—*William the Norman became King of England by*
conquest ; Queen Victoria received the crown by inheritance.
8. Parse words in italics in the foregoing sentences.
9. Correct errors in the following sentences :—

You was laying on the turf.

I and you and he will go a short walk.

I seen the book some place in the house.

Was anyone ever a hundred years old.
10. Write an essay of not more than eight lines on one of the fol-
lowing subjects :—

Honor thy father and thy mother.

A stitch in time saves nine.

SPELLING, DERIVATION, &c.

JUNIOR FOURTH BOOK.

1. Write from dictation, (Fourth Reader) :—

(a). Page 116, beginning “Even the gentle breeze,” and ending “into the sea.”

(b). Words to be dictated.

2. Derive the following words, giving the meanings of the *roots* also of the *prefixes* and *affixes* where they occur : —

| | | | |
|-----------|----------|------------|--------|
| ascended, | produce, | invisible, | regal, |
| aqueous | tenant, | prevent. | |

3. Give the meanings of the following roots, and one English word from each :—*Brevis, similis, adnus, lex, clino, oro.*

4. Give the meanings of :—

| | | | |
|-----------|-------------|----------|--------|
| gorgeous, | falcon, | artizan, | chaos, |
| | manuscript, | lea. | |

GEOGRAPHY.

JUNIOR FOURTH BOOK.

1. Explain the following geographical terms : Equator, Tropics
Horizon, Latitude.
2. Draw an outline map of the British Islands.
3. Give the boundaries of Switzerland.

4. Where are the following: Buffalo, Zuider, Zee, Naples, Anticosti?
 5. Name the provinces of the Dominion of Canada, with their capitals.
 6. For what are the following cities noted: Quebec, Liverpool, Manchester, Glasgow?
 7. Give the general course and the outlet of each of the following rivers: Grand, Rhone, Ohio.
-

HISTORY.

JUNIOR FOURTH BOOK.

1. Give an account of the history of Champlain.
2. Name the different treaties that have a place in Canadian History, and give the provisions of any two of them.
3. Give an account of the U. E. Loyalists.
4. Describe the provisions of the Constitutional Act of 1791.
5. Sketch the history of the war of 1812-13 and -14.
6. Describe the Administrations of Sir John Colborne and Sir Francis Head.
7. Sketch the history of Canada from 1854 to 1867.
8. Give an account of the Constitution of Canada.

HYGIENE.

JUNIOR FOURTH BOOK.

1. Give directions for arresting bleeding from a wound. Why does a vessel divided by a sharp instrument bleed more freely than one divided by a blunt instrument, or one that has been torn across?
 2. Dress a "cut finger."
 3. What is the chief source of blood-supply? How does this supply reach the blood-vessels.
 4. Give Sylvester's (Common) Ready Method for restoring the apparently drowned.
-

MUSIC.

JUNIOR FOURTH BOOK.

1. How many kinds of notes are there in music and name them?
 2. Define chord, measure, clef, stave.
 3. How many kinds of scales are there, and name them?
 4. What are leger lines?
 5. Why are sharps or flats frequently placed at the beginning of a piece of music?
-

SECRETARY-TREASURER'S
Financial & Statements.

SECRETARY-TREASURER'S

FINANCIAL STATEMENTS.

*Annual General Statement of Receipts and Expenditure for
Public School Purposes, City of Toronto, for the Year
ending December 31, 1887 :*

RECEIPTS FOR 1887.

BUILDING ACCOUNT :

| | | |
|--|------------|--------------|
| Balance from 1886 | \$9,739 17 | |
| Municipal Appropriation for Building Pur- poses | 120,649 37 | |
| | <hr/> | \$130,388 54 |

SCHOOL ACCOUNT :

| | | |
|---|------------|--------------|
| Balance from 1886 | \$1,542 43 | |
| Municipal Assessment | 190,414 00 | |
| Legislative Appropriation..... | 12,885 00 | |
| Legislative Grant for City Model School | 150 00 | |
| Fees from Non-Resident Pupils | 61 00 | |
| Sale of old Desks, &c | 11 00 | |
| From Secretary Treasurer | 78 77 | |
| | <hr/> | \$205,142 20 |

| | |
|----------------------|----------------|
| Total Receipts | \$335,530 74 • |
|----------------------|----------------|

EXPENDITURE FOR 1887.

1. New School Buildings, Sites, etc., as per
statement in detail. (See Appendix A).. \$ 88,068 91
2. Repairs, Alterations, and Improvements at
the several Schools, as per statement in
detail. (See Appendix B)..... 23,710 89

| | |
|----------------------|--------------|
| Carried forward..... | \$111,779 80 |
|----------------------|--------------|

| | | |
|---|------------|---------------------|
| <i>Brought forward</i> | | \$111,779 80 |
| 3. Salaries of Officers, Teachers, and Care-takers, as per statement in detail. (See Appendix C)..... | 162,500 88 | |
| 4. New School Furniture. (See Appendix D)..... | 1,601 12 | |
| 5. Fuel for Schools, Offices, etc. (See Appendix E)..... | 10,828 87 | |
| 6. Insurance Premiums. (See Appendix F)..... | 968 20 | |
| 7. Printing, Stationery, School Supplies, Apparatus, Prize Books, etc. (See Appendix G)..... | 4,991 41 | |
| 8. Expenditure on Night Schools. (See Appendix H)..... | 3,111 62 | |
| 9. Miscellaneous Expenditure. (See Appendix I)..... | 3,413 08 | |
| 10. Stoves and Tinsmith work. (See Appendix J)..... | 1,063 50 | |
| 11. Water Rates for all the Schools | 2,700 00 | |
| 12. Superannuation Allowances. (See Appendix K)..... | 1,000 00 | |
| 13. Heating Apparatus. (See Appendix L)..... | 12,120 82 | |
| 14. To Petty Cash..... | 20 45 | |
| Total Expenditure..... | | \$316,099 75 |
| To Credit of Building Account..... | 16,319 63 | |
| To Credit of School Account..... | 3,111 36 | |
| Total Credit Balance Dec. 31, 1887.... | | 19,430 99 |
| | | <u>\$335,530 74</u> |

Certified.

Audited and approved.

W. C. WILKINSON,
Sec'y-Treas.W. R. HUGHES,
WM. ANDERSON, }Municipal Auditors of
Public School Moneys.

Toronto, April 17th, 1888.

APPENDIX A.

Statement in detail of Expenditure on Account of New School Buildings, etc., during 1887, given as one sum in Item No. 1, General Statement.

BROCK AVENUE SCHOOL.

| | | |
|--|------------|------------|
| S. Pettigrew, Balance of Carpenters' Contract and Extras | \$1,000 61 | |
| Wm. Hamblin, Balance of Carpenters' Contract and Extras | 580 19 | |
| R. Brown, Balance of Plasterers' Contract | 414 22 | |
| C. Davis, Balance of Painters' Contract | 108 66 | |
| J. Douglas, Balance of Galvanized Iron Contract .. | 48 48 | |
| S. Meadows, Balance of Plumbers' Contract | 20 34 | |
| H. Williams & Co., Balance of Slaters' Contract .. | 60 85 | |
| W. M. Watson, Balance of Plumbers' Contract | 66 39 | |
| J. A. Fowler, Balance of Architects' Fees..... | 183 74 | |
| | <hr/> | \$2,483 48 |

LANSDOWNE SCHOOL.

| | | |
|--|------------|-----------|
| T. W. Self, Masonry Contract | \$7,889 00 | |
| C. E. McBean, on Account of Carpenters' Contract.. | 6,291 29 | |
| R. T. Brown, on Account of Plasterers' Contract .. | 800 00 | |
| J. L. Robin, on Account of Painters' Contract..... | 140 00 | |
| W. A. Reid, on Account of Galvanized Iron Contract | 200 00 | |
| Fiddes & Hogarth, on Account of Plumbers' Contract | 100 00 | |
| R. Gilday, on Account of Felt Roofing Contract .. | 155 00 | |
| H. Williams, & Co., on Account of Slaters' Contract. | 164 00 | |
| G. R. Harper, on Account of Architects' Commission | 750 00 | |
| Unwin, Brown & Sankey, Surveying Site..... | 10 00 | |
| | <hr/> | 16,499 29 |

DUFFERIN SCHOOL.

| | | |
|--|------------|-------------|
| Wilson & Howard, Balance of Carpenters' Contract. | \$1,208 44 | |
| R. T. Brown, Balance of Plasterers' Contract..... | 376 79 | |
| Walter Page, Balance of Masonry Contract..... | 91 93 | |
| Langley & Burke, Balance of Architects' Commission | 219 97 | |
| | <hr/> | 1,897 13 |
| Carried forward..... | | \$20,879 90 |

Brought forward..... \$20,879 90

RYERSON SCHOOL

| | | |
|--|-------------------|--------|
| R. T. Brown, Balance of Plasterers' Contract..... | \$142 25 | |
| A. Weller & Co., Balance of Carpenters' Contract.. | 566 67 | |
| W. R. Strickland, Architect's Fees..... | 133 49 | |
| | <u> </u> | 842 41 |

GIVINS' STREET SCHOOL.

| | | |
|---|-------------------|----------|
| A. Weller, & Co., Balance of Carpenters' Contract.. | \$1,004 94 | |
| W. Hamblin, Balance of Masonry Contract..... | 278 71 | |
| R. T. Brown, Balance of Plasterers' Contract | 64 65 | |
| W. R. Strickland, Balance of Architects' Fees | 102 00 | |
| | <u> </u> | 1,450 30 |

GLADSTONE AVENUE SCHOOL.

| | | |
|---|-------------------|-----------|
| Kerr & Jenkins, for School Site | \$7,500 00 | |
| Claxton & McGowan, on Account of Masonry Con- tract | 6,130 00 | |
| Parkdale Lumber Manufacturing Co., on Account of Carpenters' work..... | 1,662 30 | |
| W. R. Strickland, on Account of Architect's Fees.. | 500 00 | |
| | <u> </u> | 15,792 30 |

CLINTON STREET SCHOOL.

| | | |
|---|-------------------|-----------|
| G. Vaughan, School Site | \$5,250 00 | |
| H. Lucas, on Account of Masonry Contract | 7,000 00 | |
| C. E. McBean, on account of Carpenters' Contract. | 1,500 00 | |
| | <u> </u> | 13,750 00 |

DUKE STREET SCHOOL.

| | | |
|---|-------------------|-----------|
| Dr. Oldright, School Site | \$12,360 00 | |
| J. Howell, on Account of Masonry Contract | 475 00 | |
| Unwin, Brown & Sanky, Surveying Site | 8 00 | |
| | <u> </u> | 12,843 00 |

SACKVILLE STREET SCHOOL.

| | | |
|---|-------------------|-------------|
| T. Blackburn, School Site..... | \$5,544 00 | |
| W. Hamblin, on Account of Masonry Contract | 3,700 00 | |
| W. G. Storm, on Account of Architects' Commision. | 350 00 | |
| Unwin, Brown & Sanky, Surveying Site | 8 00 | |
| | <u> </u> | 9,602 00 |
| <i>Carried forward</i> | | \$75,159 91 |

FINANCIAL STATEMENTS.

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Brought forward..... \$75,159 91

PARK SCHOOL.

| | | |
|---|-------------------|----------|
| H. J. Ashfield, on Account of Masonry Contract .. | \$3,150 00 | |
| E. Sanderson, on Account of Carpenters' Contract. | 1,300 00 | |
| S. James & Co., Contract Felt Roofing | 28 00 | |
| H. Williams & Co., on Account of Slaters' Contract. | 200 00 | |
| | <u> </u> | 4,678 00 |

ROSE AVENUE SCHOOL.

| | | |
|---|-------------------|----------|
| W. Hamblin, on Account of Masonry Contract.... | \$2,050 00 | |
| W. N. Crone & Co., on Account of Carpenters' Contract | 1,500 00 | |
| Duthie & Son, on Account of Slaters' Contract | 150 00 | |
| | <u> </u> | 3,700 00 |

WELLESLEY SCHOOL.

| | | |
|--|-------------------|----------|
| Thomas & Howell, on Account of Masonry Contract | \$1,650 00 | |
| C. Menzies, on Account of Carpenters' Contract.... | 825 00 | |
| C. J. Lennox, on Account of Architects' Commission | 100 00 | |
| | <u> </u> | 2,575 00 |

COTTINGHAM STREET SCHOOL.

| | | |
|---|-------------------|----------|
| Halls & Fleming, on Account of Masonry Contract.. | \$1,000 00 | |
| J. Harniman, on Account of Carpenters' Contract.. | 640 00 | |
| R. Rennie, on Account of Slaters' Contract | 52 00 | |
| | <u> </u> | 1,692 00 |

DEWSON STREET SCHOOL.

| | | |
|--|-------------------|-------|
| R. T. Brown, Balance of Contract Plasterers' work. | \$20 00 | |
| | <u> </u> | 20 00 |

BATHURST STREET SCHOOL.

| | | |
|---|-------------------|--------|
| T. Donaldson, adjoining School Site | \$244 00 | |
| | <u> </u> | 244 00 |

| | | |
|--------------------------|--|-------------|
| Total of Item No. 1..... | | \$88,068 91 |
|--------------------------|--|-------------|

APPENDIX B.

Statement in detail of Expenditure for Repairs, Alterations and Improvements at the Several Schools during 1887, given in one sum in Item No. 2, in General Statement.

BATHURST STREET SCHOOL.

| | | |
|---------------------------------------|----------|----------|
| S. Nesbitt, General Repairs..... | \$135 90 | |
| W. A. Reid, Galvanized Iron work..... | 49 60 | |
| A. Cahoon, Re-glazing | 6 00 | |
| W. Hutchinson, Re-glazing | 2 50 | |
| Unwin, Brown & Sankey, Surveying..... | 12 00 | |
| J. Cowan, Sweeping Chimneys | 1 75 | |
| H. Boddy, Fixing Bell | 50 | |
| | <hr/> | \$208 25 |

BOLTON AVENUE SCHOOL.

| | | |
|--|----------|--------|
| James Haliburton, Carpenter work | \$141 14 | |
| D. L. Van Vlack, Block Paving | 336 80 | |
| McGuire & Bird, Plumbers' work | 80 06 | |
| E. & J. J. Gearing, Masonry work | 92 45 | |
| Bryce Bros., Lumber | 9 04 | |
| Wilson & Howard, Lumber | 3 20 | |
| John Hamilton, Lumber | 4 50 | |
| D. Plews, Repairs | 6 00 | |
| H. Gibbons, Whitewashing, &c | 7 15 | |
| Ingram Bros., Hat Rails | 2 40 | |
| Blackwood & Godden, Carpenter Tools for Care-taker | 12 05 | |
| | <hr/> | 694 79 |

BORDEN STREET SCHOOL.

| | | |
|---|----------|----------|
| Thos. Chapple, General work | \$485 35 | |
| A. Burton, Masonry work | 150 00 | |
| Wm. Berry, Removing Night Soil | 93 60 | |
| A. M. Browne, Painters' work..... | 75 00 | |
| Wm. Hutchinson, Blackboarding | 32 36 | |
| Eureka Granite Co., Paving Closets | 55 87 | |
| Henry & Stewart, Repairs and Re-glazing | 19 60 | |
| | <hr/> | |
| <i>Carried forward.....</i> | \$911 78 | \$903 04 |

FINANCIAL STATEMENTS.

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| | | |
|--|----------|----------|
| <i>Brought forward</i> | \$911 78 | \$903 04 |
| W. J. Burroughs, Plumbers' work | 6 70 | |
| W. A. Reid, Galvanized Iron work | 9 90 | |
| G. Keen, Re-glazing | 5 30 | |
| E. Taylor, " | 4 00 | |
| A. Cahoon, " | 3 00 | |
| J. Cowan, Sweeping Chimneys | 2 00 | |
| | <hr/> | 942 68 |

BRANT STREET SCHOOL.

| | | |
|--|----------|--------|
| Walter Moss, Masonry work, &c..... | \$132 23 | |
| T. Pells, Carpenters' work | 38 56 | |
| W. Hutchinson, Re-facing Blackboards | 31 65 | |
| E. Sanderson, Carpenters' work | 66 07 | |
| E. H. Boddy, Re-glazing | 23 15 | |
| A. M. Browne, " | 1 40 | |
| F. Partridge, Wire Guards | 5 00 | |
| T. J. O'Neil, Plumbers' work..... | 3 10 | |
| Cuming & Wells, " " | 2 53 | |
| | <hr/> | 303 69 |

BROCK AVENUE SCHOOL.

| | | |
|------------------------------------|---------|--------|
| F. B. Hawkes, Plumbers' work | \$52 34 | |
| City Treasurer, Private Drain..... | 19 69 | |
| A. Nixon, Sodding, &c | 17 45 | |
| F. Partridge, Wire Guard..... | 6 05 | |
| Mrs. Taylor, Scrubbing..... | 5 00 | |
| | <hr/> | 100 53 |

CHURCH STREET SCHOOL.

| | | |
|--|----------|------------|
| E. W. Powers, Carpenters' work, &c | \$456 29 | |
| T. Gordon, Plumbers' work | 23 85 | |
| E. & J. J. Gearing, Masonry work | 20 10 | |
| W. Hutchinson, Repairs | 8 48 | |
| W. J. Hovendon, Re-glazing..... | 4 90 | |
| H. S. Alexander & Son, Re-glazing..... | 75 | |
| T. Hopkins, Sweeping Chimneys | 75 | |
| | <hr/> | 515 12 |
| <i>Carried forward</i> | | <hr/> |
| | | \$2,765 06 |

Brought forward.....

\$2,765 06

COTTINGHAM STREET SCHOOL.

| | | |
|--|---------|--------|
| W. Jones, Block Paving..... | \$33 95 | |
| A. Candler, Calsomining | 41 00 | |
| T. & J. Robinson, Carpenters' work | 33 32 | |
| J. Clews, Repairing Urinal | 5 85 | |
| W. Hutchinson, Re-facing Blackboards | 5 45 | |
| T. Hopkins, Sweeping Chimneys | 75 | |
| | <hr/> | 120 32 |

DEWSON STREET SCHOOL.

| | | |
|--|---------|--------|
| J. Donovan, Constructing Drain..... | \$45 20 | |
| W. A. Reid, Galvanized Iron work..... | 65 76 | |
| F. B. Hawkes, Plumbers' work | 30 75 | |
| G. Keen, Re-glazing | 9 80 | |
| W. Hutchinson, Repairs | 4 37 | |
| City Treasurer, Inspecting Drains..... | 2 00 | |
| J. Cowan, Sweeping Chimneys | 1 00 | |
| | <hr/> | 158 88 |

DUFFERIN SCHOOL.

| | | |
|--|----------|------------------|
| Wilson & Howard, Carpenters' work..... | \$868 99 | |
| E. & J. J. Gearing, Masonry work..... | 1,166 80 | |
| D. McIntosh & Sons, Slates for Urinals..... | 325 00 | |
| H. A. Collins, Galvanized Iron work..... | 159 59 | |
| John Stewart, Painters' and Glaziers' work | 251 14 | |
| Wm. Berry, Removing Night Soil | 145 27 | |
| Thos. Gordon, Plumbers' work | 237 86 | |
| W. Hutchinson, Re-facing Blackboards..... | 63 15 | |
| R. Wallace, Carpenters' work | 159 85 | |
| R. Verrell, Sodding..... | 30 80 | |
| Water Works Department, Water Service | 13 00 | |
| E. H. Boddy, Re-glazing | 14 05 | |
| F. H. Thompson, Lumber | 6 26 | |
| Blackwood & Godden, Carpenters' Tools for Care-taker | 12 05 | |
| John Stewart, Manure | 2 50 | |
| Thos. Cook, Plumbers' work | 1 05 | |
| | <hr/> | 3,457 36 |
| <i>Carried forward</i> | | <hr/> \$6,501 62 |

Brought forward

\$6,501 62

ELIZABETH STREET SCHOOL.

| | |
|--|----------|
| W. Baillie, Carpenters' work | \$157 52 |
| W. J. Hovenden & Co., Painters' work | 249 85 |
| Claxton & McGowan, Masonry work | 164 50 |
| Eureka Granite Co., Paving Closets | 68 40 |
| Wm. Berry, Removing Night Soil | 46 80 |
| G. Ringham, Galvanized Iron work | 26 34 |
| John Little, Plasterers' work | 18 60 |
| Wm. Sutcliffe, Whitewashing, &c. | 35 50 |
| John Blakely, Laborers' work | 18 25 |
| R. A. Townley, Plumbers' work | 12 17 |
| H. S. Alexander & Son, Reglazing | 16 40 |
| J. Pettigrew, Repairs | 2 90 |
| T. Hopkins, Sweeping Chimneys | 1 00 |
| Richards Bros., Plumbers' work | 1 65 |

819 88

GEORGE STREET SCHOOL.

| | |
|---|---------|
| Wilson & Howard, Carpenters' work | \$81 70 |
| George Schofield, Constructing Drains | 84 96 |
| E. H. Boddy, Re-glazing, &c. | 16 60 |
| Fiddes & Hogarth, Plumbers' work | 10 78 |
| Thomas Gordon, " " | 1 60 |
| R. Murray, Sweeping Chimneys | 1 50 |
| C. D. Daniels & Co., Copperas | 1 50 |

198 64

GIVINS' STREET SCHOOL.

| | |
|---|---------|
| J. Marshall, General work | \$87 10 |
| F. B. Hawkes, Plumbers' work | 36 87 |
| A. Weller & Co., Carpenters' work | 21 38 |
| Water Works Department, Water Service | 13 00 |
| W. Hutchinson, Repairs | 8 49 |
| F. Partridge, Wire Guards | 15 00 |
| G. Keen, Re-glazing | 7 35 |
| J. Cowan, Sweeping Chimneys | 2 00 |
| J. & E. H. Roberts, Repairs | 30 |
| Blackwood & Godden, Carpenters' Tools for Care- takers | 12 05 |

203 54

Carried forward

\$7,723 68

Brought forward..... \$2,765 06

COTTINGHAM STREET SCHOOL.

| | | |
|--|---------|--------|
| W. Jones, Block Paving..... | \$33 95 | |
| A. Candler, Calsomining | 41 00 | |
| T. & J. Robinson, Carpenters' work | 33 32 | |
| J. Clews, Repairing Urinal | 5 85 | |
| W. Hutchinson, Re-facing Blackboards | 5 45 | |
| T. Hopkins, Sweeping Chimneys | 75 | |
| | <hr/> | 120 32 |

DEWSON STREET SCHOOL.

| | | |
|--|---------|--------|
| J. Donovan, Constructing Drain..... | \$45 20 | |
| W. A. Reid, Galvanized Iron work..... | 65 76 | |
| F. B. Hawkes, Plumbers' work | 30 75 | |
| G. Keen, Re-glazing | 9 80 | |
| W. Hutchinson, Repairs | 4 37 | |
| City Treasurer, Inspecting Drains..... | 2 00 | |
| J. Cowan, Sweeping Chimneys | 1 00 | |
| | <hr/> | 158 88 |

DUFFERIN SCHOOL.

| | | |
|--|----------|------------------|
| Wilson & Howard, Carpenters' work..... | \$868 99 | |
| E. & J. J. Gearing, Masonry work..... | 1,166 80 | |
| D. McIntosh & Sons, Slates for Urinals..... | 325 00 | |
| H. A. Collins, Galvanized Iron work..... | 159 59 | |
| John Stewart, Painters' and Glaziers' work | 251 14 | |
| Wm. Berry, Removing Night Soil | 145 27 | |
| Thos. Gordon, Plumbers' work | 237 86 | |
| W. Hutchinson, Re-facing Blackboards..... | 63 15 | |
| R. Wallace, Carpenters' work | 159 85 | |
| R. Verrell, Sodding..... | 30 80 | |
| Water Works Department, Water Service | 13 00 | |
| E. H. Boddy, Re-glazing | 14 05 | |
| F. H. Thompson, Lumber | 6 26 | |
| Blackwood & Godden, Carpenters' Tools for Care- taker | 12 05 | |
| John Stewart, Manure | 2 50 | |
| Thos. Cook, Plumbers' work | 1 05 | |
| | <hr/> | 3,457 36 |
| <i>Carried forward</i> | | <hr/> \$6,501 62 |

Brought forward.....

\$6,501 62

ELIZABETH STREET SCHOOL.

| | |
|--|----------|
| W. Baillie, Carpenters' work | \$157 52 |
| W. J. Hovenden & Co., Painters' work | 249 85 |
| Claxton & McGowan, Masonry work | 164 50 |
| Eureka Granite Co., Paving Closets | 68 40 |
| Wm. Berry, Removing Night Soil | 46 80 |
| G. Ringham, Galvanized Iron work | 26 34 |
| John Little, Plasterers' work | 18 60 |
| Wm. Sutcliffe, Whitewashing, &c..... | 35 50 |
| John Blakely, Laborers' work..... | 18 25 |
| R. A. Townley, Plumbers' work | 12 17 |
| H. S. Alexander & Son, Reglazing | 16 40 |
| J. Pettigrew, Repairs | 2 90 |
| T. Hopkins, Sweeping Chimneys | 1 00 |
| Richards Bros., Plumbers' work..... | 1 65 |

 819 88

GEORGE STREET SCHOOL.

| | |
|---|---------|
| Wilson & Howard, Carpenters' work..... | \$81 70 |
| George Schofield, Constructing Drains | 84 96 |
| E. H. Boddy, Re-glazing, &c..... | 16 60 |
| Fiddes & Hogarth, Plumbers' work | 10 78 |
| Thomas Gordon, " " | 1 60 |
| R. Murray, Sweeping Chimneys | 1 50 |
| C. D. Daniels & Co., Copperas | 1 50 |

 198 64

GIVINS' STREET SCHOOL.

| | |
|---|---------|
| J. Marshall, General work | \$87 10 |
| F. B. Hawkes, Plumbers' work | 36 87 |
| A. Weller & Co., Carpenters' work..... | 21 38 |
| Water Works Department, Water Service | 13 00 |
| W. Hutchinson, Repairs | 8 49 |
| F. Partridge, Wire Guards | 15 00 |
| G. Keen, Re-glazing | 7 35 |
| J. Cowan, Sweeping Chimneys | 2 00 |
| J. & E. H. Roberts, Repairs..... | 30 |
| Blackwood & Godden, Carpenters' Tools for Care- takers | 12 05 |

 203 54
Carried forward.....

 \$7,723 68

Brought forward.....

\$7,723 68

HOPE STREET SCHOOL.

| | | |
|--|----------|----------|
| S. Nesbitt, Carpenters' work | \$576 91 | |
| Claxton & McGowan, Masonry work, &c | 368 67 | |
| W. Hutchinson, Re-facing Blackboards, &c..... | 149 65 | |
| J. Smith, Painters' work | 153 93 | |
| W. J. Burroughs, Plumbers' work | 100 00 | |
| Eureka Granite Paving Co., Paving Closets..... | 58 30 | |
| W. A. Reid, Galvanized Iron work | 47 90 | |
| W. Berry, Removing Night Soil | 40 35 | |
| Blackwood & Godden, Carpenters' Tools for Care- taker | 12 05 | |
| J. Cowan, Sweeping Chimneys | 2 50 | |
| | | <hr/> |
| | | 1,510 26 |

HOWARD STREET SCHOOL.

| | | |
|--|---------|-------|
| W. Hutchinson, Carpenters' work and Repairs | \$18 99 | |
| | | <hr/> |
| | | 18 99 |

JESSE KETCHUM SCHOOL.

| | | |
|--|----------|--------|
| W. L. Huddart, Carpenters' work, &c | \$247 65 | |
| W. Hutchinson, Re-facing Blackboards | 71 86 | |
| W. Berry, Removing Night Soil | 40 35 | |
| J. P. Markle, Re-facing Blackboards | 5 38 | |
| A. Candler, Re-glazing | 2 30 | |
| T. Hopkins, Sweeping Chimneys | 4 75 | |
| Blackwood & Godden, Carpenters' Tools for Care- taker | 12 05 | |
| | | <hr/> |
| | | 384 34 |

JOHN STREET SCHOOL.

| | | |
|--|----------|-------------|
| E. Sanderson, Carpenters' work | \$290 87 | |
| Walter Moss, Masonry work | 275 63 | |
| A. M. Browne, Painters' and Glaziers' work | 371 20 | |
| W. Hutchinson, Re-facing Blackboards | 55 46 | |
| W. H. Fergusson, Repairs..... | 4 12 | |
| J. & E. H. Roberts, Repairs | 90 | |
| | | <hr/> |
| | | 998 18 |
| | | <hr/> |
| <i>Carried forward</i> | | \$10,635 45 |

FINANCIAL STATEMENTS.

13

Brought forward..... \$10,635 45

LESLIE STREET SCHOOL.

| | | |
|--------------------------------------|---------|-------|
| J. Haliburton, Carpenters' work..... | \$17 10 | |
| W. Cook, Laborers' work | 1 20 | |
| J. & E. H. Roberts, Repairs..... | 80 | |
| P. Murray, Sweeping Chimneys | 50 | |
| | <hr/> | 19 60 |

LOUISA STREET SCHOOL.

| | | |
|---|----------|----------|
| W. Baillie, General work | \$610 57 | |
| Claxton & McGowan, Masonry work | 464 15 | |
| W. J. Hovenden & Co., Painters' work..... | 255 77 | |
| Eureka Granite Paving Co., Paving Closets..... | 72 75 | |
| W. Berry, Removing Night Soil | 76 82 | |
| W. J. Burroughs, Plumbers' work | 100 00 | |
| G. Ringham, Galvanized Iron work | 24 30 | |
| F. Partridge, Wire Guards | 21 00 | |
| W. Sutcliffe, Whitewashing and Removing Snow .. | 22 60 | |
| J. Little, Plasterers' work..... | 10 45 | |
| W. Hutchinson, Re-facing Blackboard | 6 70 | |
| H. S. Alexander & Son, Re-glazing..... | 7 60 | |
| R. A. Townley, Plumbers' work | 3 62 | |
| J. Pettigrew, Repairs | 2 10 | |
| T. Hopkins, Sweeping Chimneys | 4 55 | |
| | <hr/> | 1,682 98 |

MABEL STREET SCHOOL.

| | | |
|-----------------------------------|--------|-------|
| H. Keely, Repairs | \$9 45 | |
| R. Todd, Hydrant | 6 00 | |
| J. Cowan, Sweeping Chimneys | 1 00 | |
| | <hr/> | 16 45 |

MORSE STREET SCHOOL.

| | | |
|--|---------|-------------|
| W. Williamson, Carpenters' work | \$45 75 | |
| Fiddes & Hogarth, Plumbers' work | 15 91 | |
| W. Anderson, Sodding | 9 00 | |
| P. Murray, Sweeping Chimneys | 2 00 | |
| | <hr/> | 72 66 |
| | <hr/> | |
| <i>Carried forward</i> | | \$12,427 14 |

Brought forward..... \$12,427 14

NIAGARA STREET SCHOOL.

| | | |
|--|----------|--------|
| A. Burton, Masonry work..... | \$300 00 | |
| T. Pells, Carpenters' work | 282 00 | |
| W. Berry, Removing Night Soil..... | 74 48 | |
| W. Hutchinson, Re-facing Blackboards | 47 85 | |
| A. M. Browne, Re-glazing..... | 2 40 | |
| J. T. O'Neil, Plumbers' work | 2 30 | |
| E. Holmes, Repairs..... | 2 60 | |
| J. Cowan, Sweeping Chimneys | 2 00 | |
| | <hr/> | 713 63 |

PARK SCHOOL.

| | | |
|------------------------------------|--------|-------|
| E. H. Boddy, Re-glazing | \$6 20 | |
| Wilson & Howard, Repairs | 4 25 | |
| G. H. Beavis, Plumbers' work | 2 40 | |
| T. Gordon, " " | 2 60 | |
| P. Murray, Sweeping Chimneys | 1 75 | |
| | <hr/> | 17 20 |

PARLIAMENT STREET SCHOOL.

| | | |
|--|----------|--------|
| T. Greer, Carpenters' work | \$364 82 | |
| E. H. Boddy, Painters' and Glaziers' work..... | 211 13 | |
| G. H. Beavis, Plumbers' work..... | 17 76 | |
| T. Gordon, " " | 12 40 | |
| R. Wallace, Repairs | 2 00 | |
| P. Murray, Sweeping Chimneys..... | 1 75 | |
| | <hr/> | 609 86 |

PALACE STREET SCHOOL.

| | | |
|---------------------------------------|---------|-------------|
| W. Williamson, Carpenters' work | \$45 45 | |
| E. H. Boddy, Re-glazing | 2 70 | |
| T. Gordon, Plumbers' work | 2 45 | |
| G. H. Beavis, " " | 1 75 | |
| P. Murray, Sweeping Chimneys | 50 | |
| | <hr/> | 52 85 |
| <i>Carried forward</i> | | <hr/> |
| | | \$13,820 68 |

Brought forward..... \$13,820 68

PHOEBE STREET SCHOOL.

| | | |
|--|----------|----------|
| A. Coyell, Carpenters' work | \$799 06 | |
| Claxton & McGowan, Masonry work | 293 45 | |
| W. J. Burroughs, Plumbers' work | 63 27 | |
| A. M. Browne, Painters' work..... | 50 00 | |
| W. Hutchinson, Re-facing Blackboards..... | 44 06 | |
| Eureka Granite Paving Co., Paving Closets..... | 73 00 | |
| Blackwood & Godden, Carpenters' Tools for Care-taker | 12 05 | |
| W. Berry, Removing Night Soil | 20 00 | |
| J. P. Markle, Re-facing Blackboards | 5 50 | |
| F. Partridge, Wire Guards | 1 65 | |
| J. & E. H. Roberts, Repairs | 50 | |
| A. McAuley, " | 25 | |
| J. Cowan, Sweeping Chimneys | 2 50 | |
| | | <hr/> |
| | | 1,365 29 |

ROSE AVENUE SCHOOL.

| | | |
|--------------------------------------|---------|-------|
| Wilson & Howard, Repairing Roof..... | \$30 00 | |
| Roberts & Son, Re-glazing | 2 00 | |
| | | <hr/> |
| | | 32 00 |

RYERSON SCHOOL.

| | | |
|---|------------|-------------|
| Thos. Chapple, Carpenters' work | \$716 09 | |
| Jas. Downard, Block Paving | 624 22 | |
| Claxton & McGowan, Masonry work | 307 10 | |
| G. Keen, Painters' and Glaziers' work | 255 16 | |
| W. J. Burroughs, Plumbers' work | 100 00 | |
| Eureka Granite Paving Co., Paving Closets | 166 87 | |
| W. Berry, Removing Night Soil | 144 81 | |
| A. Weller, & Co., Carpenters work..... | 94 56 | |
| W. A. Reid, Galvanized Iron work..... | 49 00 | |
| W. Hutchinson, Re-facing Blackboards | 68 25 | |
| City Treasurer, Private Drains | 42 16 | |
| C. Bell, Slating Blackboards | 34 89 | |
| A. G. McAuley, Plumbers' work | 19 80 | |
| W. Crawford, Grading and Sodding | 29 05 | |
| R. A. Townley, Plumbers' work | 23 75 | |
| | | <hr/> |
| <i>Carried forward</i> | \$2,675 71 | \$15,217 97 |

Brought forward..... \$2,675 71 \$15,217 97

| | | |
|--|-------|----------------|
| Blackwood & Godden, Carpenters' Tools for Care-taker | 12 05 | |
| W. Hutchinson, Re-glazing | 5 25 | |
| J. P. Markle, Slating Blackboards | 4 80 | |
| T. M. Buley, Re-glazing | 7 55 | |
| A. Brimston, Repairs to Lawn Mower | 2 50 | |
| J. E. Davidson, Lumber | 6 68 | |
| R. Fry, Blacksmith work | 4 00 | |
| J. Lister, manure for Garden | 5 00 | |
| J. Cowan Sweeping Chimneys | 2 25 | |
| W. Adams, " " | 1 00 | |
| | | <hr/> 2,726 97 |

VICTORIA STREET SCHOOL.

| | | |
|--|----------|--------------|
| E. W. Powers, Carpenters' work..... | \$440 55 | |
| Blackwood & Godden, Carpenters' Tools for Care-taker | 12 05 | |
| W. J. Hovenden, & Co., Re-glazing '..... | 4 85 | |
| A. M. Browne, " | 4 35 | |
| W. Hutchinson, Re-facing Blackboards | 5 45 | |
| W. J. Gibson, Plumbers' work..... | 3 30 | |
| T. Hopkins, Sweeping Chimneys | 3 00 | |
| | | <hr/> 473 55 |

WELLESLEY SCHOOL.

| | | |
|--|----------|-------------------|
| W. J. Hovenden & Co., Calsomining, Painting, &c .. | \$102 35 | |
| G. Ringham, Galvanized Iron work | 37 92 | |
| W. Sutcliffe, Whitewashing | 42 50 | |
| D. M. Kimings, Carpenters' work | 30 45 | |
| Richard Bros., Galvanized Iron work | 28 88 | |
| W. Hutchinson, Re-facing Blackboards | 20 85 | |
| John Little, Plasterers' work | 10 50 | |
| H. S. Alexander & Son, Re-glazing | 8 15 | |
| Blackwood & Godden, Carpenters' Tools for Care-taker | 12 05 | |
| J. Pettigrew, Repairs | 2 20 | |
| J. Bethell, Blacksmith work..... | 1 50 | |
| T. Hopkins, Sweeping Chimneys | 2 50 | |
| J. & E. H. Roberts, Repairs | 30 | |
| W. Berry, Excavating | 3 60 | |
| | | <hr/> 303 75 |
| <i>Carried forward</i> | | <hr/> \$18,722 06 |

Brought forward..... \$18,722 06

WINCHESTER STREET SCHOOL.

| | | |
|---|----------|----------|
| Wilson & Howard, Carpenters' work..... | \$842 41 | |
| E. & J. J. Gearing, Masonry work | 690 00 | |
| John Stewart, Painters' work | 534 18 | |
| John Little, Plasterers' work | 154 35 | |
| D. McIntosh & Son, Slate Urinals | 245 00 | |
| McGuire & Bird, Plumbers work..... | 132 20 | |
| W. Hutchinson, Re-facing Blackboards | 46 67 | |
| W. Berry, Removing Night Soil | 65 79 | |
| H. A. Collins, Galvanized Iron work | 21 06 | |
| Water Works Department, Water Service | 13 00 | |
| E. H. Boddy, Re-glazing | 32 89 | |
| J. P. Markle, Slating Blackboards | 5 37 | |
| G. H. Beavis, Plumbers' work..... | 2 29 | |
| Withrow & Hillock, Lumber | 1 25 | |
| P. Murray Sweeping Chimneys | 2 00 | |
| | | 2,788 46 |

YORK STREET SCHOOL AND OFFICES.

| | | |
|---|----------|----------|
| T. Pells, Carpenters' work | \$405 16 | |
| W. J. Quigley, Plumbers' work | 193 31 | |
| A. M. Browne, Painters' work | 175 28 | |
| Eureka Granite Paving Co., Paving Closets | 60 37 | |
| A. Burton, Masonry work..... | 164 61 | |
| W. Berry, Removing Night Soil | 60 02 | |
| W. Hutchinson, Re-facing Blackboards | 7 81 | |
| R. A. Townley, Plumbers' work | 13 31 | |
| A. G. McAuley, " " | 1 45 | |
| Douglas Bros., Galvanized Iron work | 6 05 | |
| F. Kennedy, Ladder | 3 00 | |
| Mrs. Humphreys, Scrubbing..... | 2 50 | |
| J. & E. H. Roberts, repairs | 50 | |
| | | 1,093 37 |

MISCELLANEOUS ITEMS.

| | | |
|---|----------|-------------|
| Gordon & Helliwell, Architects' Commission on Repairs, &c., at Sundry Schools | \$300 00 | |
| R. C. Windeyer, Architect's Commission on Repairs, &c., at Sundry Schools | 370 51 | |
| Carried forward..... | \$670 51 | \$22,603 89 |

| | | |
|---|----------|-----------------|
| <i>Brought forward</i> | \$670 51 | \$22,603 89 |
| Darling & Curry, Architects' Commission, Park School | 200 00 | |
| J. A. Fowler, Architect's Commission, Mabel Street School | 28 00 | |
| The Shedden Co., Freightage on Slates | 56 20 | |
| Expenses of Annual Inspection of School Property. | 28 70 | |
| W. Hutchinson, work at St. Barnabas Church | 12 46 | |
| " " St. Stephen's Hall..... | 22 84 | |
| " " Grove Avenue School | 3 45 | |
| " " Dundas Street " | 8 21 | |
| G. Keen, Re-glazing " " " | 4 10 | |
| W. Williamson, work at Trinity Church School. | 34 63 | |
| Wilson & Howard, " " " " | 90 | |
| Unwin, Brown & Sankey, Surveying site | 6 00 | |
| Cabhire for Committee at Sundry times | 20 50 | |
| Sundry Small Items | 10 50 | |
| | | <u>1,107 00</u> |
| Total of Item No. 2..... | | \$23,710 89 |

APPENDIX C.

Statement in Detail of Salaries of Officers, Teachers, Caretakers, etc., paid during 1887, as given in one sum in Item No. 3, General Statement.

OFFICERS, ETC.

| | | |
|---|-----------|--------------------|
| Browne, Mr. H., Inspector's Assistant | \$850 00 | |
| Examiners..... | 280 00 | |
| Hughes, Mr. J. L., Inspector | 2,500 00 | |
| Thompson, Mr. J. T., Drill Instructor | 1,000 00 | |
| Wilkinson, Mr. W. C., Secretary-Treasurer.... | 2,000 00 | |
| Wilkinson, Miss L | 54 00 | |
| Woodland, Mr. C. R., Messenger..... | 450 00 | |
| Caretakers | 10,310 33 | |
| | | <u>\$17,444 33</u> |
| <i>Carried forward</i> | | \$17,444 33 |

Brought forward..... \$17,444 33

TEACHERS.

| | | |
|------------------------------|-------------|-------------|
| Adams, Miss M. B..... | \$ 324 00 | |
| Agnew, Mrs. J. N..... | 562 93 | |
| Allen, Miss Kate M..... | 586 89 | |
| Anderson, Miss J..... | 439 98 | |
| Anderson, Miss M..... | 371 30 | |
| Armstrong, Mr. J. E..... | 900 00 | |
| Armstrong, Miss Annie L..... | 640 32 | |
| Arthurs, Mrs. J. S..... | 750 00 | |
| August, Miss M..... | 396 00 | |
| Baily, Miss Louise..... | 525 00 | |
| Baillie, Miss L..... | 365 00 | |
| Baillie, Miss M..... | 324 00 | |
| Bain, Miss F..... | 127 57 | |
| Balmer, Mrs. J. S..... | 564 00 | |
| Barrington, Miss S. E..... | 324 00 | |
| Baxter, Miss A..... | 324 00 | |
| Beattie, Miss A. V..... | 444 00 | |
| Bee, Miss Mina..... | 324 00 | |
| Bell, Miss M..... | 318 47 | |
| Bell, Miss J..... | 81 00 | |
| Berney, Miss E..... | 396 00 | |
| Black, Miss P..... | 468 00 | |
| Boddy, Mr. J..... | 992 44 | |
| Bolton, Miss L..... | 127 57 | |
| Bradshaw, Miss J..... | 395 25 | |
| Breckon, Mrs. C..... | 536 94 | |
| Bright, Miss F..... | 321 54 | |
| Brown, Miss I. B..... | 385 05 | |
| Brown, Miss J. F..... | 492 00 | |
| Brown, Miss A..... | 188 10 | |
| Brown, Miss L..... | 381 03 | |
| Burt, Miss K..... | 290 25 | |
| Byam, Miss C. L..... | 324 00 | |
| Byfield, Mr. E..... | 735 38 | |
| Calder, Miss A. M..... | 323 38 | |
| Campbell, Mr. John..... | 1,272 09 | |
| Campbell, Miss Jessie..... | 636 00 | |
| Campbell, Miss R..... | 266 13 | |
| Cameron, Miss Annie I..... | 650 00 | |
| <i>Carried orward</i> | \$17,873 61 | \$17,444 33 |

| | | |
|----------------------------------|--------------------|--------------------|
| <i>Brought forward</i> | \$17,873 61 | \$17,444 33 |
| Carey, Mrs. Annie | 636 00 | |
| Carey, Miss Z. C..... | 81 00 | |
| Carlyle, Miss Thomasina | 586 89 | |
| Carroll, Miss B..... | 370 60 | |
| Cassidy, Mr. W. | 668 00 | |
| Cathcart, Miss Carrie..... | 444 00 | |
| Chadwick, Miss Elizabeth M. | 540 00 | |
| Charlton, Miss J..... | 324 00 | |
| Chown, Miss A. D..... | 370 62 | |
| Christie, Miss C. E..... | 370 59 | |
| Church, Miss R. | 419 21 | |
| Churchill, Miss C. M..... | 750 00 | |
| Clark, Mr. L. J. | 1,242 00 | |
| Clark, Mr. Harold | 900 00 | |
| Clarke, Miss E..... | 384 75 | |
| Coupland, Miss A. | 396 00 | |
| Cowan, Miss M. | 324 00 | |
| Coyne, Miss Margaret..... | 632 34 | |
| Crane, Mr. George | 1,146 00 | |
| Cranfield, Mrs. R. A..... | 372 00 | |
| Cruise, Miss J. A..... | 634 78 | |
| Cullen, Miss A. E. | 307 64 | |
| Currie, Miss L. N..... | 300 00 | |
| Cringan, Mr. A. T..... | 395 85 | |
| Daw, Miss Ellen..... | 440 80 | |
| Dawkins, Miss E..... | 300 00 | |
| Dawkins, Miss F..... | 175 00 | |
| Devlin, Miss L..... | 99 75 | |
| Dickinson, Miss L..... | 516 00 | |
| Doan, Mr. R. W..... | 1,438 00 | |
| Drury, Miss M..... | 241 16 | |
| Dunn, Miss O..... | 750 00 | |
| Duncan, Miss J. E..... | 282 24 | |
| Eadie, Miss J..... | 390 00 | |
| Eadie, Miss C..... | 365 00 | |
| Eagle, Miss A. L..... | 311 10 | |
| Eakin, Miss C..... | 27 00 | |
| Emery, Miss M..... | 527 27 | |
| Evans, Miss A..... | 324 00 | |
| Evans, Miss B..... | 324 00 | |
| Fell, Miss Amy..... | 492 00 | |
| Ferrier, Mr. Chester..... | 750 00 | |
| <i>Carried forward</i> | <u>\$38,223 20</u> | <u>\$17,444 33</u> |

| | | |
|------------------------------|-------------|-------------|
| <i>Brought forward</i> | \$38,223 20 | \$17,444 33 |
| Fetherstonhaugh, Miss M..... | 442 30 | |
| Field, Miss S..... | 324 00 | |
| Forbes, Miss J..... | 240 54 | |
| Fortune, Miss M..... | 396 00 | |
| Fortune, Miss A..... | 81 25 | |
| Forsyth, Miss B..... | 319 09 | |
| Foulds, Miss Elizabeth..... | 540 00 | |
| Fraser, Miss H..... | 425 36 | |
| Fraser, Miss I..... | 27 00 | |
| Freeman, Miss Alice..... | 562 98 | |
| Fyfe, Miss E..... | 236 25 | |
| Garvin, Miss R..... | 363 62 | |
| Gellatly, Miss L..... | 535 92 | |
| Gill, Mr. Martin..... | 1,338 00 | |
| Gillen, Miss E..... | 650 00 | |
| Glassford, Miss M. E..... | 420 00 | |
| Gowans, Miss M..... | 301 92 | |
| Gowans, Miss Mary..... | 127 61 | |
| Gray, Miss Carrie M..... | 636 00 | |
| Gray, Miss A. A..... | 540 00 | |
| Gray, Miss E. R..... | 538 98 | |
| Gray, Miss C..... | 371 30 | |
| Gray, Miss J..... | 365 00 | |
| Graham, Miss L..... | 272 31 | |
| Gregg, Mrs. M. A..... | 636 00 | |
| Green, Mrs. E. A..... | 636 00 | |
| Greer, Mrs. M. J..... | 468 00 | |
| Green, Miss M. C..... | 324 00 | |
| Gunn, Miss Mary..... | 612 00 | |
| Gunn, Miss J..... | 564 00 | |
| Hagarty, Miss Sarah..... | 540 00 | |
| Hamilton, Miss Susan..... | 636 00 | |
| Harney, Miss E. N..... | 204 05 | |
| Hardy, Miss Kate A..... | 424 12 | |
| Harvey, Miss..... | 36 00 | |
| Hay, Miss M..... | 320 08 | |
| Hay, Mrs. M. E..... | 324 00 | |
| Henry, Miss P..... | 364 31 | |
| Henry, Miss A..... | 364 31 | |
| Hendry, Mr. W. J..... | 1,237 92 | |
| Hendry, Mr. A..... | 1,290 00 | |
| Hodgert, Miss C..... | 108 00 | |
| <i>Carried forward</i> | \$57,367 42 | \$17,444 33 |

| | | |
|--------------------------------|--------------------|--------------------|
| <i>Brought forward</i> | \$57,367 42 | \$17,444 33 |
| Hodgson, Miss Alice M..... | 372 00 | |
| Hogarth, Mr. Thomas..... | 750 00 | |
| How, Miss Hessie..... | 650 00 | |
| Hunter, Miss Margaret..... | 636 00 | |
| Hutchinson, Miss M. M..... | 372 00 | |
| Hutty, Miss M..... | 87 75 | |
| Iles, Miss I. | 369 97 | |
| Jackson, Miss Charlotte F..... | 537 96 | |
| Johnston, Miss H. | 420 00 | |
| Johnston, Miss N. | 376 24 | |
| Johnston, Miss M. L..... | 366 48 | |
| Jones, Miss H. M. | 385 00 | |
| Keele, Miss S. | 324 00 | |
| Keefer, Miss M. H..... | 324 00 | |
| Kennedy, Miss Elizabeth | 633 56 | |
| Kennedy, Miss Emma | 636 00 | |
| Kennedy, Miss L..... | 324 00 | |
| Keown, Miss M. J..... | 748 58 | |
| Keown, Miss E..... | 222 72 | |
| Kessack, Miss L..... | 540 00 | |
| Kettles, Miss M. E..... | 396 00 | |
| Killoch, Miss A. M..... | 680 39 | |
| Knowles, Mrs. A. M..... | 88 50 | |
| Lanskail, Miss Helen J..... | 442 30 | |
| Langlois, Miss G..... | 412 05 | |
| Langton, Miss Emily.... | 396 00 | |
| Latham, Miss C. E..... | 322 77 | |
| Leadlay, Mrs. L..... | 636 00 | |
| Leeming, Miss J..... | 76 08 | |
| Lewis, Mr. R. | 1,450 00 | |
| Lilly, Mrs. Emma | 636 00 | |
| Lumsden, Miss Louisa | 588 00 | |
| Logan Miss M..... | 363 62 | |
| Llwyd, Mrs. | 490 23 | |
| Malone, Miss C..... | 324 00 | |
| Martin, Mr. R. T..... | 1,146 00 | |
| Martin, Miss F..... | 540 00 | |
| Martin, Miss A. S..... | 491 07 | |
| Martin, Miss M..... | 371 30 | |
| Mark, Miss Jessie..... | 492 00 | |
| Mearns, Miss Isabella..... | 586 89 | |
| Milne, Miss M..... | 516 00 | |
| <i>Carried forward</i> | <u>\$77,888 88</u> | <u>\$17,444 33</u> |

| | | |
|----------------------------------|--------------------|--------------------|
| <i>Brought forward</i> | \$77,888 88 | \$17,444 33 |
| Milne, Miss Jennie..... | 425 00 | |
| Monahan, Mrs. Grace S..... | 354 10 | |
| Morrison, Mr. A..... | 1,146 00 | |
| Muir, Mr. Alex..... | 750 00 | |
| Mullin, Miss M..... | 516 00 | |
| Mullin, Miss A..... | 249 05 | |
| Murphy, Miss M..... | 27 00 | |
| Myers, Miss A..... | 372 00 | |
| Macallum, Miss M..... | 313 55 | |
| Macdonald, Mr. A. F..... | 1,450 00 | |
| Macfarlane, Mrs..... | 372 00 | |
| McAdam, Miss E..... | 394 50 | |
| McAllister, Mr. S..... | 1,450 00 | |
| McBrien, Mrs. J. A..... | 586 57 | |
| McCausland, Miss L. P..... | 30 41 | |
| McCally, Miss M. J..... | 498 99 | |
| McConnell, Miss B..... | 108 00 | |
| McCreight, Miss S..... | 636 00 | |
| McCreight, Miss Lizzie..... | 420 00 | |
| McDonald, Mrs. M. A..... | 636 00 | |
| McDonald, Miss J. St. Clair..... | 365 00 | |
| McFaul, Miss L..... | 365 00 | |
| McGregor, Mrs. M. K..... | 468 00 | |
| McIntyre, Miss Agnes..... | 598 05 | |
| McKee, Miss F..... | 517 00 | |
| McKee, Miss A..... | 468 00 | |
| McKenzie, Miss Susan..... | 636 00 | |
| McKim, Miss I. F..... | 396 00 | |
| McMain, Mr. C. S..... | 900 00 | |
| McMaster, Miss M..... | 208 02 | |
| McMillan, Mr. A..... | 774 00 | |
| McMillan, Miss M. L..... | 324 00 | |
| McQuaig, Mrs..... | 538 98 | |
| McTaggart Miss E..... | 365 00 | |
| Neild, Miss A..... | 323 39 | |
| Niven, Miss Jessie..... | 468 00 | |
| Niven, Miss C..... | 372 00 | |
| Nudel, Miss I. | 514 05 | |
| Nudel, Miss B..... | 299 44 | |
| O'Brien, Mr. L. R..... | 700 00 | |
| Palmer, Miss L. | 396 00 | |
| Parker, Mr. Thomas..... | 998 11 | |
| <i>Carried forward</i> | <u>\$99,618 09</u> | <u>\$17,444 33</u> |

| | | |
|------------------------------|--------------|-------------|
| <i>Brought forward</i> | \$99,618 09 | \$17,444 33 |
| Paterson, Miss M..... | 175 00 | |
| Payne, Miss L..... | 540 00 | |
| Pearson, Miss M..... | 324 00 | |
| Pearse, Miss J..... | 290 25 | |
| Perrin, Mr. A. P..... | 800 00 | |
| Phillips, Mr. John..... | 750 00 | |
| Phillips, Miss S..... | 258 28 | |
| Pidgeon, Miss M..... | 371 30 | |
| Polley, Mrs. A..... | 367 07 | |
| Powell, Mr. G. K..... | 1,146 00 | |
| Purdie, Miss R. E..... | 419 25 | |
| Pyne, Mr. A. R..... | 1,171 50 | |
| Rankin, Miss K..... | 300 00 | |
| Reid, Miss C..... | 365 00 | |
| Reinhart, Miss P..... | 322 78 | |
| Riches, Mrs. G. S..... | 750 00 | |
| Riddell, Miss L..... | 322 77 | |
| Rogers, Miss Jessie..... | 626 24 | |
| Rogers, Miss K..... | 108 00 | |
| Ross, Miss H..... | 372 00 | |
| Ross, Miss I..... | 372 00 | |
| Sams, Miss E. Y..... | 540 00 | |
| Sanderson, Miss Amy..... | 448 30 | |
| Sanderson, Miss C. E..... | 372 00 | |
| Sanderson, Miss Mina..... | 74 25 | |
| Sanderson, Miss L..... | 324 00 | |
| Sanders, Miss F. G..... | 101 62 | |
| Sanders, Miss M..... | 420 00 | |
| Sanders, Miss A. H..... | 365 00 | |
| Scarlett, Miss Kate A..... | 636 00 | |
| Scobie, Miss S. E. A..... | 490 14 | |
| Sefton, Miss Martha..... | 564 00 | |
| Sefton Miss M. A..... | 540 00 | |
| Semple, Miss Jessie..... | 442 30 | |
| Sheppard, Miss M. G..... | 419 20 | |
| Sheppard, Miss Mary..... | 365 00 | |
| Sheppard, Miss S..... | 324 00 | |
| Shier, Miss M. B..... | 419 21 | |
| Sims, Miss Amelia..... | 632 34 | |
| Sims, Miss F..... | 560 79 | |
| Sims, Miss E..... | 396 00 | |
| Slater, Mr. J. T..... | 1,000 00 | |
| <i>Carried forward</i> | \$119,203 69 | \$17,444 33 |

| | | |
|-------------------------------|--------------|-------------|
| <i>Brought forward</i> | \$119,203 68 | \$17,444 33 |
| Slater, Miss Lois..... | 540 00 | |
| Smith, Miss Minnie | 588 00 | |
| Smith, Miss Sarah..... | 396 00 | |
| Smith, Miss M. J..... | 324 00 | |
| Smith, Miss A. F..... | 324 00 | |
| Smith, Mr. W. E..... | 187 50 | |
| Smiley, Miss Christina M..... | 365 00 | |
| Smyth, Miss Jane | 612 00 | |
| Smyth, Miss M..... | 491 07 | |
| Sneath, Miss F. E..... | 369 14 | |
| Spence, Miss M. | 540 00 | |
| Spence, Miss May F..... | 516 00 | |
| Spotton, Miss Charlotte..... | 631 12 | |
| Starrette, Miss L. M..... | 365 00 | |
| Starrette, Miss B. J..... | 365 00 | |
| Stevens, Mr. E. A..... | 1,000 00 | |
| Stevenson, Mrs. Kate..... | 636 00 | |
| Steward, Mrs. M..... | 588 00 | |
| Stewart, Miss A..... | 324 00 | |
| Sturrock, Miss E. C..... | 516 00 | |
| Sturrock, Miss M..... | 396 00 | |
| Sturrock, Miss L..... | 291 38 | |
| Sutherland, Miss I..... | 365 00 | |
| Sykes, Miss C..... | 561 86 | |
| Taylor, Miss S. L..... | 455 63 | |
| Tector, Miss L..... | 372 00 | |
| TerHune, Mrs. S..... | 209 91 | |
| Thompson, Miss Rebecca | 636 00 | |
| Thompson, Miss Florence..... | 540 00 | |
| Thompson, Miss M..... | 108 00 | |
| Thorold, Mrs. A..... | 492 00 | |
| Tomlinson, Miss S..... | 420 00 | |
| Tomlinson, Miss M..... | 396 00 | |
| Tuthill, Miss G. | 324 00 | |
| Underwood, Miss A..... | 297 00 | |
| Wallace, Miss J. M..... | 419 25 | |
| Walton, Miss D. | 27 02 | |
| Warburton, Mrs. G. C..... | 494 00 | |
| Warren, Miss M. J..... | 342 72 | |
| Watson, Miss Carrie J..... | 562 93 | |
| Westman, Miss Mary A..... | 588 00 | |
| White, Miss M..... | 420 00 | |
| <i>Carried forward</i> | \$137,600 21 | \$17,444 33 |

| | | |
|------------------------------|--------------|--------------------|
| <i>Brought forward</i> | \$137,600 21 | \$17,444 33 |
| White, Miss B. M..... | 314 16 | |
| Whiteside, Miss M..... | 358 10 | |
| Wiggins, Miss L..... | 297 00 | |
| Williams, Miss E. A..... | 750 00 | |
| Williams Miss Emma C..... | 372 00 | |
| Wilson, Miss A..... | 372 00 | |
| Woods, Miss Maria..... | 636 00 | |
| Woolley, Miss Nellie | 386 63 | |
| Woolley, Miss L..... | 365 00 | |
| Worth, Miss Mary A..... | 636 00 | |
| Young, Miss L..... | 370 60 | |
| Occasional Teachers | 2,598 85 | |
| | | <hr/> 145,056 55 |
| Total of Item No. 3..... | | <hr/> \$162,500 88 |

APPENDIX D.

*Statement in Detail of Expenditure for New Furniture, etc., for
Schools during 1887, as given in Item No. 4.*

| | |
|---|----------------|
| Borden Street School—J. Carlyle, N. Y. Grammar Desks | \$98 40 |
| “ “ “ “ Removing Desks | 2 50 |
| Bolton Ave. School—Thos. Taylor, Kindergarten Chairs, &c .. | 18 44 |
| “ “ “ “ Tables | 20 00 |
| Brock Ave. School—C. Rogers & Sons Co., Bow Back Chairs.. | 9 00 |
| “ “ “ “ Repairing Desks .. | 4 50 |
| “ “ “ “ Cupboards | 13 50 |
| “ “ “ “ Teachers' Tables .. | 18 00 |
| “ “ J. Carlyle, N. Y. Grammar Desks..... | 12 30 |
| Dufferin School—Geo. F. Bostwick, Oak Desk | 20 00 |
| “ “ C. Rogers & Sons Co., N. Y. Grammar Desks | 128 80 |
| “ “ “ “ Removing Desks | 2 50 |
| “ “ J. Carlyle, N. Y. Grammar Desks..... | 60 70 |
| “ “ “ “ Repairing Desks, &c..... | 55 25 |
| “ “ “ “ Toronto Junior Desks | 23 85 |
| Dundas Street School—C. Rogers & Sons Co., St. Louis Primary Desks | 57 35 |
| <i>Carried forward</i> | <hr/> \$545 09 |

| | |
|--|------------|
| <i>Brought forward</i> | \$545 09 |
| Dundas St. School—C. Rogers & Sons Co., (Chairs..... | 3 05 |
| Givins' Street School—J. Carlyle, N. Y. Grammar Desks | 32 80 |
| Industrial School (Mimico)—Wm. Henley, Cupboard | 18 00 |
| “ “ “ C. Rogers & Sons Co., Desks | 189 00 |
| “ “ “ “ “ Teacher's | |
| Desk | 10 50 |
| John Street School—C. Rogers & Sons Co., N. Y. Grammar | |
| Desks | 63 00 |
| Mabel Street School—C. Rogers & Sons Co., Toronto Junior | |
| Desks | 10 80 |
| “ “ “ J. Carlyle, Toronto Junior Desks..... | 65 70 |
| Morse Street School—“ N. Y. Grammar Chairs, &c.. | 10 65 |
| Orphans' Home—C. Rogers & Sons Co., Teacher's Desk..... | 10 50 |
| “ “ “ “ Toronto Junior Desks.. | 81 00 |
| “ “ “ “ St. Louis Primary | |
| Desks | 11 10 |
| Phæbe Street School—C. Rogers & Sons Co., Blackboards | 13 00 |
| Ryerson School—“ “ Cupboard | 7 00 |
| “ “ G. F. Bostwick, Oak Desk | 20 00 |
| St. Stephen's Hall—C. Rogers & Sons Co., Teachers' Tables .. | 12 00 |
| “ “ “ “ Blackboards | 11 00 |
| Victoria Street School—“ “ Teachers' Tables .. | 12 00 |
| Wellesley School—“ “ St. Louis Primary | |
| Desks | 64 75 |
| “ “ C. Rogers & Sons Co., Removing Desks.... | 5 50 |
| “ “ “ Cupboard | 4 50 |
| “ “ G. F. Bostwick, Oak Desk | 20 00 |
| York Street School—Gage & Reynolds, Desks and Seats..... | 85 80 |
| Miscellaneous—C. Rogers & Sons Co., Loan of Chairs | 21 35 |
| “ “ “ Pointers | 27 96 |
| “ “ “ Repairing Desks | 2 15 |
| “ “ “ Cupboards | 216 00 |
| “ “ “ Cartage | 4 50 |
| “ “ “ Sundry Furniture | 22 42 |
| Total of Item No. 4..... | \$1,601 12 |

APPENDIX E.

Statement of Expenditure for Fuel for all the Schools, Board Room and Offices, during 1887, as given in Item No. 5, in General Statement.

| | |
|---|------------|
| Wm. McGill & Co., Fuel | \$7,489 28 |
| Elias Rogers & Co., " | 2,207 68 |
| Sundry persons; Cutting Wood at all the Schools.. | 1,131 91 |
| Total of Item No. 5..... | 10,828 87 |

APPENDIX F.

Statement of Expenditure for Premiums on Insurance paid during 1887, &c., as given in Item No. 6.

| | | |
|---------------------------|-------------------------|----------|
| Citizens | Insurance Company | \$267 20 |
| Phoenix | " " | 215 30 |
| Western | " " | 133 50 |
| British America | " " | 67 80 |
| Atlas | " " | 50 00 |
| London, Liverpool & Globe | " " | 50 00 |
| Norwich Union | " " | 32 00 |
| National | " " | 30 00 |
| Imperial | " " | 23 00 |
| Northern | " " | 12 00 |
| Lancashire | " " | 2 40 |
| Boiler Inspection | " " | 85 00 |
| Total of Item No. 6 | | \$968 20 |

APPENDIX G.

Statement in detail for Printing, Advertising, Stationary, Supplies, Prize Books, Apparatus, &c., as given in one sum in Item No. 7, in General Statement.

| | |
|---|------------|
| J. B. Clougher, General School Supplies, Stationary, &c.... | \$1,072 20 |
| Chas. Roddy, Printing Minutes, Report, Posters, Examination, Papers, &c | 748 71 |
| C. M. Taylor & Co., Prize Books | 540 90 |
| New Rockland Slate Co., Slates | 686 30 |
| James Bain & Son, Stationary and Supplies | 286 90 |
| Alexander & Cable, Honor Certificates | 216 00 |
| W. Hutchinson, Blackboards, &c | 182 85 |
| W. Beatty & Son, Carpets for Offices | 152 90 |
| Aikenhead & Crombie, Hardware | 70 99 |
| Smith & McGlashan, Ink for Schools | 96 05 |
| Selby & Co., Kindergarten Furniture and Supplies | 50 40 |
| J. Caslor, Hose and Shovels for Sundry Schools | 79 97 |
| Globe, Advertising | 96 80 |
| Mail, " | 93 00 |
| News, " | 62 00 |
| Telegram, " | 62 00 |
| World, " | 62 00 |
| Sentinel, " | 21 50 |
| Belden Bros., Yaggys Anatomical Study | 41 50 |
| R. Derrick, Wheelbarrows | 36 00 |
| Corning Glass Works, Ink Wells..... | 25 20 |
| Kent Bros., Prize Clock | 25 00 |
| T. Kinnear & Co., Pails, &c | 23 75 |
| Wm. Henly, Cupboards..... | 22 65 |
| R. Gutthery, Flowers for School Grounds | 26 00 |
| J. Stephens, Flowers for School Grounds, \$7.30 ; J. Edward, Flowers for School Grounds, \$3.00 | 10 30 |
| W. H. Lake, Hardware | 20 90 |
| S. B. Windrum, new Clocks, and regulating and cleaning old ones | 31 25 |
| C. Carnegie, Cleaning, Repairing and Regulating Clocks.... | 15 00 |
| H. A. Nelson & Sons, Pails and Ladder | 15 32 |
| C. R. Woodland, Printograms, &c | 24 50 |
| W. Briscoe, Wheelbarrows | 12 00 |
| Chas. Boeckh & Sons, Ladders | 14 45 |
| Thos. Ewart, Expressing | 11 40 |
| Carried forward..... | \$4,936 69 |

| | |
|--|------------|
| <i>Brought forward</i> | \$4,936 69 |
| J. A. Whittaker, Cab Hire for Committee | 12 00 |
| R. Bond, Cab Hire for Committee | 2 50 |
| R. Robinson, Oxalic Acid | 9 00 |
| L. Richey & Son, Wood Box | 6 00 |
| E. H. Roberts, Repairing Locks | 4 45 |
| J. Sloan, screwing down desks..... | 4 10 |
| Barber & Ellis, Cyclostyle Ink and Paper..... | 4 70 |
| Rubber Co., Straps, \$1.80 ; Brown Bros., Stationery, \$1.93.. | 3 73 |
| J. Peterkin, Bracket, \$1.00 ; G. W. Lankin, Pads, \$2.00 | 3 00 |
| G. Fogg, Repairs, \$1.00 ; Sundries, \$4.24 | 5 24 |
| <hr/> | |
| Total of Item No. 7..... | \$4,991 41 |

APPENDIX H.

*Statement of Expenditure on Night Schools paid during 1887,
as given in one sum in Item No. 8, in General Statement.*

| | |
|--------------------------------------|------------|
| Salaries of Teachers | \$2,480 75 |
| Salaries of Caretakers | 368 00 |
| Gas Account..... | 129 20 |
| C. M. Taylor & Co., Prize Books..... | 82 22 |
| H. Jackman, Bill-posting | 15 00 |
| C. & J. Murray & Co., Supplies | 17 30 |
| J. A. Whittaker, Cab Hire | 13 00 |
| J. R. Hill, Supplies..... | 4 25 |
| Thos. Entwistle, Supplies | 1 10 |
| Sundries | 0 80 |
| <hr/> | |
| Total of Item No. 8..... | \$3,111 62 |

APPENDIX I.

*Statement in Detail of Miscellaneous Expenditure, as given in
one sum in Item No. 9, in Annual General Statement.*

| | |
|--|------------|
| W. B. McMurrich, Solicitor's Fees | \$905 50 |
| Expenses in connection with Annual Games | 284 80 |
| M. J. Ryan, Rent of St. Stephen's Hall..... | 294 00 |
| Roberts & Son, Rent of Rose Avenue Hall | 120 00 |
| <hr/> | |
| <i>Carried forward</i> | \$1,604 30 |

| | |
|---|------------|
| <i>Brought forward</i> | \$1,604 30 |
| F. Furnivall, Rent of Spadina Avenue Hall | 145 85 |
| Rev. J. Milner, Rent of Bathurst St. Methodist Church | 122 00 |
| College St. Presbyterian Church, Rent of School Room | 180 00 |
| Trustees, Spadina Avenue Church, Rent of School Room | 170 00 |
| Trustees Euclid Avenue Church, Rent of School Room | 95 00 |
| Churchwardens St. Ann's Church, Rent of School Room | 156 00 |
| Churchwardens Trinity Church, Rent of School Room | 60 00 |
| J. L. Hughes, Fees as Examiner, Collegiate Institute | 84 62 |
| Expenses in connection with Governor-General's Visit | 77 25 |
| H. Pellatt, Rent of Pavilion, Horticultural Gardens | 66 50 |
| John Hozack, Rent of Temporary Dwelling | 61 00 |
| W. Beatty, Carpets for Principals' Offices in large Schools.... | 58 51 |
| Secretary-Treasurer's Postage..... | 39 00 |
| Inspector's Postage..... | 31 50 |
| R. Bond, Cab Hire at Sundry Times..... | 42 50 |
| Expenses in connection with Jubilee Celebration | 49 90 |
| W. A. Lyon, Frames for Diplomas..... | 27 00 |
| T. L. Hicks, Gongs for large Schools..... | 27 00 |
| J. G. Owens, Illuminated Address to Mr. McMurrich | 25 00 |
| Bell Telephone, Rent | 25 00 |
| Cab Hire for Committees | 48 75 |
| J. T. Thompson, Street Car Tickets | 20 00 |
| Expressage and Cartage during the year | 63 75 |
| Gas Company, Gas for Offices and Board Room | 21 51 |
| A. T. Cringan, Street Car Tickets | 16 00 |
| Thos. Holgrave, Refreshments at Jubilee Celebration..... | 12 50 |
| Victoria Hall, Rent..... | 13 00 |
| J. H. Samo, use of Chairs..... | 10 80 |
| Geo. Hodgetts, Expenses Distribution of Diplomas | 10 00 |
| J. Gaby, Conveyances for Children to Exhibition Grounds.... | 4 00 |
| John Lester, " " " " | 2 00 |
| Hendry's Express " " " " | 2 00 |
| C. R. Woodland, Sundries | 5 25 |
| G. F. Bostwick, Cabinet for Secretary's Office | 12 00 |
| Messenger, Street Car Tickets..... | 12 00 |
| R. L. Polk, City Directory | 3 00 |
| Thos. Wild, two years' Ground Rent Leslie St. School | 3 60 |
| Imrie & Graham, Jubilee Songs..... | 2 25 |
| Electric Despatch Co., Messengers..... | 0 90 |
| Bell Telephone Co., Despatches..... | 0 88 |
| R. Simpson, Sundries | 0 96 |

Total of Item No. 9..... \$3,413 08

APPENDIX J.

Statement in Detail of Amounts paid J. Hatch & Son, for Heating Apparatus, Stoves, Pipes, Tin Screens, Zinc, and General Tinsmith Work at all the Schools during 1887, as given in Item No. 10, in General Statement.

| | |
|--------------------------------|-------------------|
| Bathurst Street School | \$8 93 |
| " " Church | 28 21 |
| Borden " School | 28 80 |
| Brant " " | 7 00 |
| Brock Avenue " | 3 75 |
| Church Street School | 13 05 |
| Cottingham " " | 28 60 |
| Dewson " " | 17 82 |
| Dovercourt Road Church | 11 18 |
| Dufferin School | 11 60 |
| Dundas Street School | 14 56 |
| Elizabeth " " | 5 31 |
| George " " | 28 93 |
| Givins' " " | 46 34 |
| Gilray's Church | 6 00 |
| Grove Avenue School | 3 90 |
| Hope Street " | 14 79 |
| Howard " " | 5 49 |
| Jesse Ketchum " | 67 63 |
| John Street " | 50 75 |
| Leslie " " | 3 94 |
| Louisa " " | 45 54 |
| Mabel " " | 53 89 |
| Morse " " | 12 28 |
| Niagara " " | 33 38 |
| Palace " " | 13 16 |
| Park " " | 39 63 |
| Parliament " " | 20 84 |
| Phoebe " " | 65 05 |
| Rose Avenue " | 9 31 |
| Ryan's Hall | 20 12 |
| Ryerson School | 19 33 |
| Trinity Church | 2 50 |
| Victoria Street School | 29 68 |
| Wellesley School | 42 35 |
| Winchester Street School | 26 75 |
| York " " | 52 82 |
| York Street Offices, &c | 170 29 |
| Total of Item No. 10 | <u>\$1,063 50</u> |

APPENDIX K.

Statement of Amount Paid for Superannuation Allowances, as given in one sum in Item No. 12.

| | |
|---------------------------|-------------------|
| R. McCausland..... | \$250 00 |
| Samuel Coyne | 250 00 |
| James Anderson | 250 00 |
| Wm. Spotten | 250 00 |
| Total of Item No. 12 | <u>\$1,000 00</u> |

APPENDIX L.

Statement of Expenditure in connection with Heating Apparatus, as given in one sum in Item No. 13, General Statement.

| | |
|---|--------------------|
| Bennett & Wright, Balance of Contract for Steam-Heating Apparatus, Dufferin School | \$992 50 |
| G. Guest, Balance of Contract for Steam-Heating Apparatus, Ryerson School | 288 57 |
| The Boiler Inspection and Insurance Co., for Professional Services in connection with Plans and Superintendence of Steam-Heating..... | 210 00 |
| Smead, Dowd & Co., Balance of Contract for Heating and Ventilating Apparatus, Brock Avenue School..... | 313 50 |
| Smead, Dowd & Co., Contract for Heating and Ventilating Apparatus, Brant Street School..... | 2,325 00 |
| Smead, Dowd & Co., Contract for Heating and Ventilating Appartus, John Street School | 3,700 00 |
| Smead, Dowd & Co., on Account of Contract for Heating and Ventilating Apparatus, Lansdowne School | 1,560 00 |
| Smead, Dowd & Co., on Account of Contract for Heating and Ventilating Apparatus, Gladstone Avenue School..... | 1,381 25 |
| Smead, Dowd & Co., on Account of Contract for Heating and Ventilating Apparatus, Clinton Street School..... | 1,350 00 |
| Total of Item No. 13 | <u>\$12,120 82</u> |

SECRETARY-TREASURER'S VALUATION OF SCHOOL PROPERTY.

*Secretary-Treasurer'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, on the 31st December, 1887.*

| SCHOOLS. | SITES. | BUILDINGS. | TOTAL. |
|--|-----------|------------|-----------------|
| Park | \$4,000 | \$15,000 | \$19,000 |
| Parliament | 10,000 | 10,500 | 20,500 |
| Dufferin | 11,000 | 28,000 | 39,000 |
| Rose Avenue | 8,000 | 14,000 | 22,000 |
| Winchester | 10,000 | 14,000 | 24,000 |
| George Street | 4,500 | 10,000 | 14,500 |
| Duke Street | 12,000 | ..... | 12,000 |
| Palace Street | 2,000 | 6,000 | 8,000 |
| Morse Street | 3,000 | 9,500 | 12,500 |
| Sackville Street | 5,500 | ..... | 5,500 |
| Victoria Street | 6,500 | 18,000 | 24,500 |
| Church Street | 5,500 | 14,000 | 19,500 |
| John Street | 5,000 | 15,000 | 20,000 |
| York Street | 8,000 | 12,000 | 20,000 |
| Niagara Street | 7,000 | 16,000 | 23,000 |
| Brant Street | 4,000 | 9,000 | 13,000 |
| Elizabeth Street | 3,000 | 12,000 | 15,000 |
| Louisa Street | 4,000 | 12,000 | 16,000 |
| Wellesley | 11,000 | 36,000 | 47,000 |
| Ryerson | 8,500 | 30,000 | 38,500 |
| Phœbe Street | 5,000 | 16,000 | 21,000 |
| Borden Street | 3,000 | 14,000 | 17,000 |
| Lansdowne | 7,000 | 20,000 | 27,000 |
| Bathurst Street | 6,000 | 14,000 | 20,000 |
| Givens' Street | 4,500 | 20,000 | 24,500 |
| Hope Street | 3,500 | 18,000 | 21,500 |
| Dewson Street | 2,500 | 8,000 | 10,500 |
| Clinton Street | 5,500 | ..... | 5,500 |
| Jesse Ketchum | 12,000 | 21,500 | 33,500 |
| Cottingham Street | 2,500 | 8,500 | 11,000 |
| Brock Avenue | 2,500 | 8,000 | 10,500 |
| Mabel Street | 2,000 | 3,000 | 5,000 |
| Howard Street | 1,000 | 900 | 1,900 |
| Bolton Avenue | 4,000 | 18,000 | 22,000 |
| Leslie Street | 500 | 1,200 | 1,700 |
| | <hr/> | <hr/> | <hr/> |
| | \$194,000 | \$452,100 | \$646,100 |
| Furniture, School Apparatus, &c. | | | \$43,000 |
| Total Estimated Value of School Property | | | <hr/> \$689,100 |

Certified, W. C. WILKINSON,

Secretary-Treasurer P. S. B.

Toronto, Jan. 30th, 1888.