

COURSE OF INSTRUCTION
IN THE
MODEL GRAMMAR SCHOOL
FOR
UPPER CANADA,
AND OTHER INFORMATION.

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Authorised by the Council of Public Instruction for Upper Canada.  
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TORONTO:
Printed for the Department of Public Instruction for Upper Canada,
BY LOVELL AND GIBSON.

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Head of the Educational Department.

The Rev. EGERTON RYERSON, D.D., LL.D., Chief Superintendent
of Education for Upper Canada.

Council of Public Instruction for Upper Canada.

The Hon. SAMUEL BEALY HARRISON, Q.C., *Chairman.* (Church
of England.)

The Rev. EGERTON RYERSON, D.D., LL.D., Chief Superintendent
of Education.

The Right Rev. ARMAND FRANÇOIS MARIE DE CHARBON-
NEL, D.D., Roman Catholic Bishop of Toronto. (Successor to
the late Bishop Power.)

The Rev. HENRY JAMES GRASETT, B.D., Rector of Toronto.

The Hon. JOSEPH CURRAN MORRISON, Q.C. (Presbyterian
Church of Canada.)

JAMES SCOTT HOWARD, Esq. (Church of England.)

The Rev. JOHN JENNINGS, D.D. (United Presbyterian Church.)

The Rev. JOHN LILLIE, D.D. (Congregational College, B. N. A.)

The Rev. JOHN BARCLAY, D.D. (Church of Scotland.) Successor
to the late HUGH SCOBIE, Esq.

The Rev. JOHN McCAUL, LL.D., President of University College.
(*Ex-officio Member for Grammar School purposes.*)

Masters of the Model Grammar School.

Rector:

THE REV. WILLIAM F. CHECKLEY, A.B., T. C. D.

Classical Master:

THE REV. JOHN AMBERY, M.A.

Mathematical Master:

FRANCIS L. CHECKLEY, SCHOLAR T. C. D.

English Master:

BENJAMIN F. FITCH, M.A.

French Master:

M. EMILE COULON.

Writing and Junior English Master:

MR. HENRY G. STRACHAN.

Drawing Master:

M. ALPHONSE COULON.

Music Master:

MR. HENRY F. SEFTON.

Fencing, Gymnastic, and Drill Master:

CAPT. H. GOODWIN.

Janitor and Messenger—JAMES RYAN.

COURSE OF INSTRUCTION
IN
The Model Grammar School
FOR UPPER CANADA.



IN establishing the Model Grammar School, the Council of Public Instruction had a twofold object in view : To exhibit the best system of Grammar School organization, discipline, and teaching ; and to train Masters and Assistant Masters for the Grammar Schools of the Province.

A successful commencement has been made towards accomplishing the former of these objects. It is now proposed to perfect what has been begun as a Model Grammar School, and to make it effective as a Training Institution.

It is to be remarked, that the residents of all the Counties and Cities in Upper Canada have an equal right to the Model Grammar School—three applications from each having the priority over all others in filling up the prescribed number of one hundred pupils.

REGULATIONS FOR STUDENTS WHO INTEND TO
BECOME GRAMMAR SCHOOL TEACHERS.

1. No fees will be charged to Students admitted in this department ; and each Student, if approved at the end of each term, may be assisted during one year to the amount of a dollar per week towards the payment of his board.

2. Each Student must sign a declaration to become a Grammar School Teacher in Upper Canada.

3. Graduates of Universities in Her Majesty's dominions will be admitted without examination, and be aided by such instruction and

practice as may qualify them for the special duties of organizing, teaching, and managing a Grammar School, and will receive a certificate accordingly.

4. A Student who is not a graduate of some University in Her Majesty's dominions, must be at least twenty years of age, and pass an entrance examination in the subjects for matriculation in Arts, in the Provincial University. These subjects are as follows :

Greek and Latin Languages.

Xenophon's Anabasis, B. 1.		Virgil, Æneid, B. 2.
Sallust, Catilina.		
Translation from English into Latin Prose.		

Arithmetic, Algebra, and Geometry.

Ordinary Rules of Arithmetic.		Extraction of square root.
Vulgar and Decimal Fractions.		
First four Rules of Algebra (Colenso's Algebra.		
Euclid, B. 1. (Colenso's Edition of Simson's.)		

Modern Languages.

English Grammar.

History and Geography.

Outlines of English History to the present time. (White's History of Great Britain and Ireland.
 Outlines of Roman History to the death of Nero. (Schmitz's Manual of Ancient History.)
 Outlines of Grecian History to the death of Alexander. (Ditto.)
 Schmitz's Outlines of Ancient Geography.
 Outlines of Modern Geography.

He will receive instruction in all the subjects required by law, to qualify for the Mastership of Grammar Schools ; as also in the best methods of teaching and managing Schools. Each Student on his leaving the School will receive, if approved, a certificate from the Rector, in addition to his legal certificate of qualifications from the Committee of Examiners, according to his attainments and merits.

Applications for admission to the Model Grammar School, whether as ordinary Pupils or as Students in Training, are to be addressed to the CHIEF SUPERINTENDENT OF EDUCATION.

REGULATIONS FOR ORDINARY PUPILS.

The course of study extends over five years, and embraces all the branches of education contemplated by law to be taught in the Grammar Schools. It will be sought, however, to secure thoroughness rather than great variety in the instruction given; and no pupil will, on any account, be promoted from a lower to a higher class until he is perfectly competent to proceed with it in every subject of study.

The qualifications for admission are: That the candidate shall at least be nine years of age, and shall pass a satisfactory examination in Reading, Spelling, Writing, Arithmetic (to Simple Proportion), the outlines of Geography, and English Grammar,—the basis of all instruction in languages.

Pupils will be admitted at the commencement of any term; but Junior Pupils should enter in September, in order to join the new class annually formed in that month.

One hundred pupils only will be received, as this number is deemed sufficient for the objects of the Institution; and it is desired that the Masters should pay that attention to the character and habits of individuals, which would be impossible in a larger School.

The discipline will be strict and parental. It will aim at the prevention rather than the correction of irregularities; and seek to influence by motives of religion, honour, and self-respect,—not of fear. Personal neatness will be insisted on; and every effort will be made to induce a high tone of feeling, and to cultivate openness and manliness of conduct among the pupils.

In addition to a spacious and lofty hall, with appropriate classrooms, the School-house possesses a well-furnished Library and Laboratory, together with the necessary lavatory, ante-rooms, &c. The furniture is of the most recent and approved description.

The Play-ground is large, and contains an excellent Gymnasium, with two covered Sheds, which afford ample room for exercise in bad weather.

Each parent will be informed monthly of the conduct and progress of his child in all his studies.

TERMS AND ADMISSION FEES.

There are four Scholastic Terms in the year, as follows :—

WINTER TERM—From the 7th of January to the Thursday before Easter.

SPRING TERM—From the second Monday after Good Friday to the fourth Friday in July.

SUMMER TERM—From the end of the long Vacation to the 31st of October.

AUTUMN TERM—From the 1st of November to the 22nd of December.

The following are the Admission Fees :

For one Pupil—*Ten* dollars per term, payable in advance.

For two Brothers—*Eight* dollars each per term, ditto.

For three or more Brothers—*Six* dollars each per term, ditto.

These fees are payable at the Education Office, before admission to the School.

The Rector has provided excellent accommodation in the immediate vicinity of the School, for the reception of a limited number of Boarders. He has also engaged the services of a Resident Master, to *aid* in giving them *individual instruction* during the hours of morning and evening study.

Pupils will also be allowed to board in any private family, at the request of their parents.

NOTICE TO GRAMMAR SCHOOL MASTERS.

The vacations in the Model Grammar School have been altered, so as to allow an opportunity to Grammar School Masters of visiting the School during their own vacations.

NOTICE TO CANDIDATES FOR GRAMMAR SCHOOL MASTERSHIPS.

The Committee of Examiners appointed by the Council, meets in the Normal School Buildings, Toronto, on the first Monday of January and the last Monday of June, in each year. Candidates are required to send in their names to the Chairman of the Committee one week previous to the day of examination.

Committee of Examiners:

THOMAS J. ROBERTSON, M.A., *Chairman.*

The Rev. WILLIAM ORMISTON, D.D.

The Rev. WILLIAM F. CHECKLEY, A.B.

The Rev. JOHN AMBERY, M.A.

JOHN HERBERT SANGSTER, M.A.

} *Inspectors of*
} *Grammar Schools*
} *in Upper Canada.*

SUBJECTS OF EXAMINATION OF CANDIDATES

(Not being University Graduates)

FOR MASTERSHIPS OF COUNTY GRAMMAR SCHOOLS IN UPPER CANADA,

Prescribed by the Council of Public Instruction for Upper Canada,
as required by the thirteenth section of the Upper Canada Consolidated Grammar School Act:

“No person (except a graduate of some University) shall be appointed Master of a Grammar School unless he has previously obtained a Certificate of Qualification from a Committee of Examiners (one of whom shall be the Head Master of the Normal School) appointed by the Council of Public Instruction.”

In terms of this proviso, it is—

Ordered,—That Candidates for Masterships of County Grammar Schools to be examined as to their knowledge of, and ability to teach, the subjects and books, or portions of books, in which the Senate of the University of Toronto requires candidates to be examined for honors and scholarships at matriculation in any College affiliated

with that institution, as contemplated by the twelfth section of the Consolidated Grammar School Act ;* which subjects are as follows :

GREEK AND LATIN LANGUAGES.

Xenophon, Anabasis, B. I.	Ovid, Fasti, B. I.
Homer, Iliad, B. I.	Translation from English into
Homer, Odyssey, B. IX.	Latin prose.
Sallust, Catilina.	Translation from English into
Horace, Odes, B. I.	Latin verse.
Virgil, Æneid, B. II.	

MATHEMATICS.

Arithmetic, Algebra, and Geometry.

Ordinary Rules of Arithmetic.	Simple and Quadratic Equations.
Vulgar and Decimal Fractions.	(Colenso's Algebra.)
Extraction of Square Root.	Euclid, Bb. I. II. III. IV. (Co-
Proportion and Progression. (Co-	lenso's Edition of Simson's.)
lenso's Algebra.)	

MODERN LANGUAGES.

English.

English Grammar.	Composition.
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French.

Grammar.	Voltaire, Histoire de Charles XII.
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HISTORY AND GEOGRAPHY.

White's Outlines of English History to the present time.
 Schmitz's Outlines of Roman History to the death of Nero.
 Schmitz's Outlines of Grecian History to the death of Alexander.
 Schmitz's Outlines of Ancient Geography.
 Outlines of Modern Geography.

* The following is the twelfth section of the Grammar School Act referred to : " In each County Grammar School, provision shall be made for giving, by a teacher or teachers of competent ability and good morals, instruction in all the higher branches of a practical English and Commercial Education, including the Elements of Natural Philosophy and Mechanics, and also in the Latin and Greek Languages, and Mathematics, so far as to prepare Students for University College, or any College affiliated to the University of Toronto,—according to a programme of studies and general rules and regulations to be prescribed by the Council of Public Instruction for Upper Canada, and approved by the Governor in Council. And no Grammar School shall be entitled to receive any part of the Grammar School Fund which is not conducted according to such programme, rules, and regulations."

English History under the Houses of Tudor and Stuart.
Geography of the British Empire, including her Colonies.

ELEMENTS OF NATURAL PHILOSOPHY.

Mechanics.

Explain the composition and resolution of statical forces.
Describe the simple machines (mechanical powers).
Define the centre of gravity.
Give the general laws of motion, and describe the chief experiments by which they may be illustrated.
State the law of the motion of falling bodies.

Hydrostatics, Hydraulics, and Pneumatics.

Explain the pressure of liquids and gases; its equal diffusion and variation with the depth.
Define specific gravity, and show how the specific gravity of bodies may be ascertained.
Describe and explain the barometer, the siphon, the common pump and forcing-pump, and the air-pump.

Acoustics.

Describe the nature of sound.

Optics.

State the laws of reflection and refraction.
Explain the formation of images by simple lenses.

Astronomy.

Motion of the earth round its axis and round the sun; with applications of these motions to explain the apparent movements of the sun and stars, the length of days, and the change of seasons—Explanation of eclipses and the moon's phases.

ELEMENTS OF CHEMISTRY.

Properties of matter, aggregation. crystallization, chemical affinity, definite equivalents.

Combustion, flame; nature of ordinary fuel; chief results of combustion—*i.e.* the bodies produced.

Heat—natural and artificial sources; its effects. Expansion—solids, liquids, gases. Thermometer—conduction, radiation, capacity, change of form; liquidation; steam.

The Atmosphere—its general nature and condition ; its component parts. Oxygen and nitrogen—their properties. Water and carbonic acid—proportions of these substances in the air.

Chlorine and iodine, as compared with oxygen.

Water—its general relation to the atmosphere and to the earth ; its natural states and degree of purity. Sea water, river water, spring water, rain water. Pure water—effects of heat and cold on it ; its compound nature ; its elements.

Hydrogen—its proportion in water ; its chemical and physical properties.

Sulphur, phosphorous, and carbon generally.

Nitric acid, sulphuric acid, carbonic acid, hydrochloric acid—their properties and uses.

Alkalies, earths, oxides generally.

Salts—their nature generally. Sulphates, nitrates, carbonates.

Metals generally—iron, copper, lead, tin, zinc, gold, silver, platinum, mercury.

The chief proximate elements of vegetable and animal bodies ; their ultimate composition.

EDUCATION OFFICE,

Toronto, September, 1861.

