

Woodstock College

WOODSTOCK

An Academic Department of McMaster University

Calendar, 1896-97

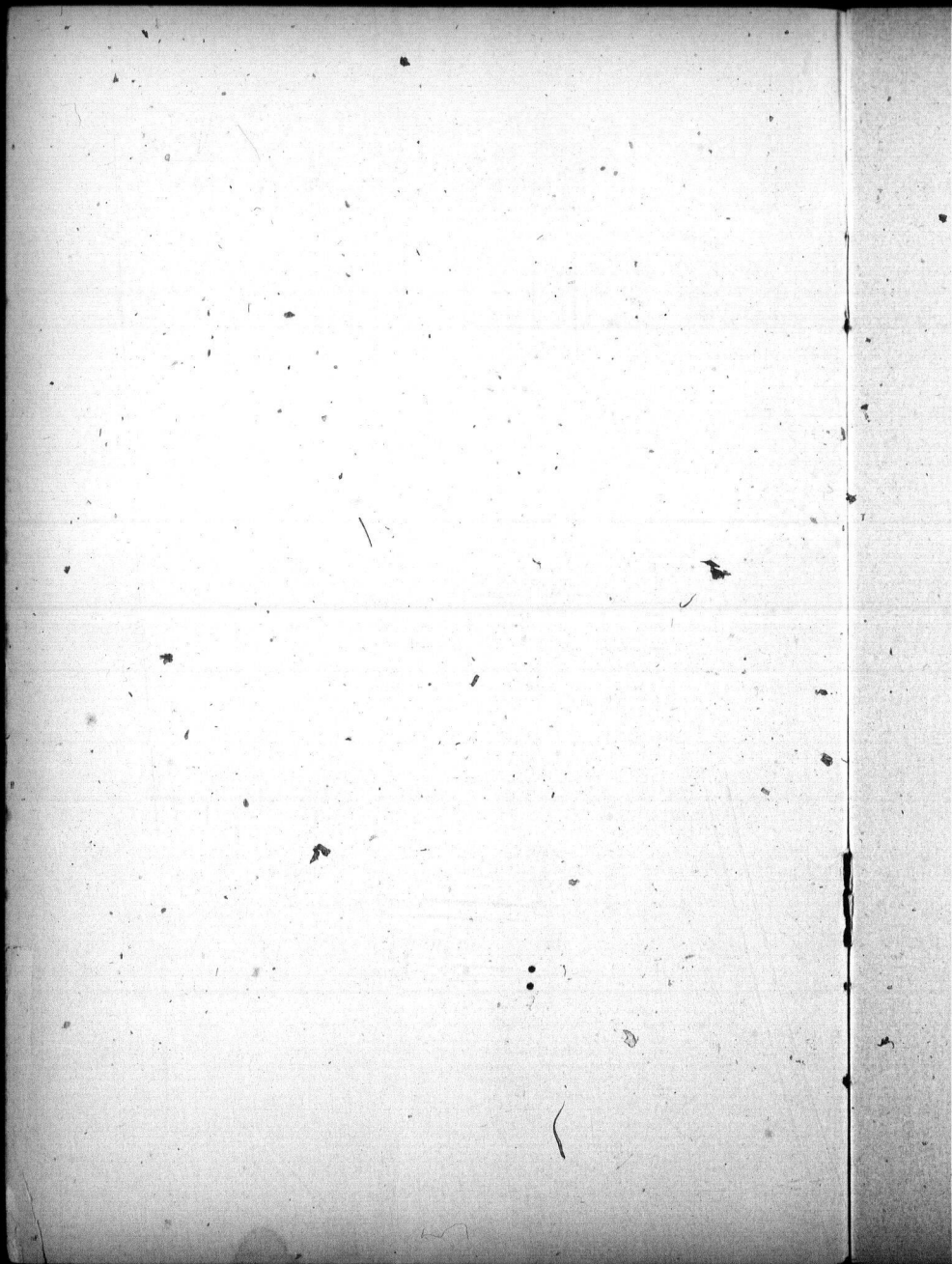


SIT LUX.



PRINTED FOR THE UNIVERSITY BY
ARBUTHNOT BROS. & COMPANY, TORONTO.

1896.



ANNOUNCEMENT

OF

WOODSTOCK COLLEGE

(An Academic Department of McMaster University)

WOODSTOCK, ONTARIO

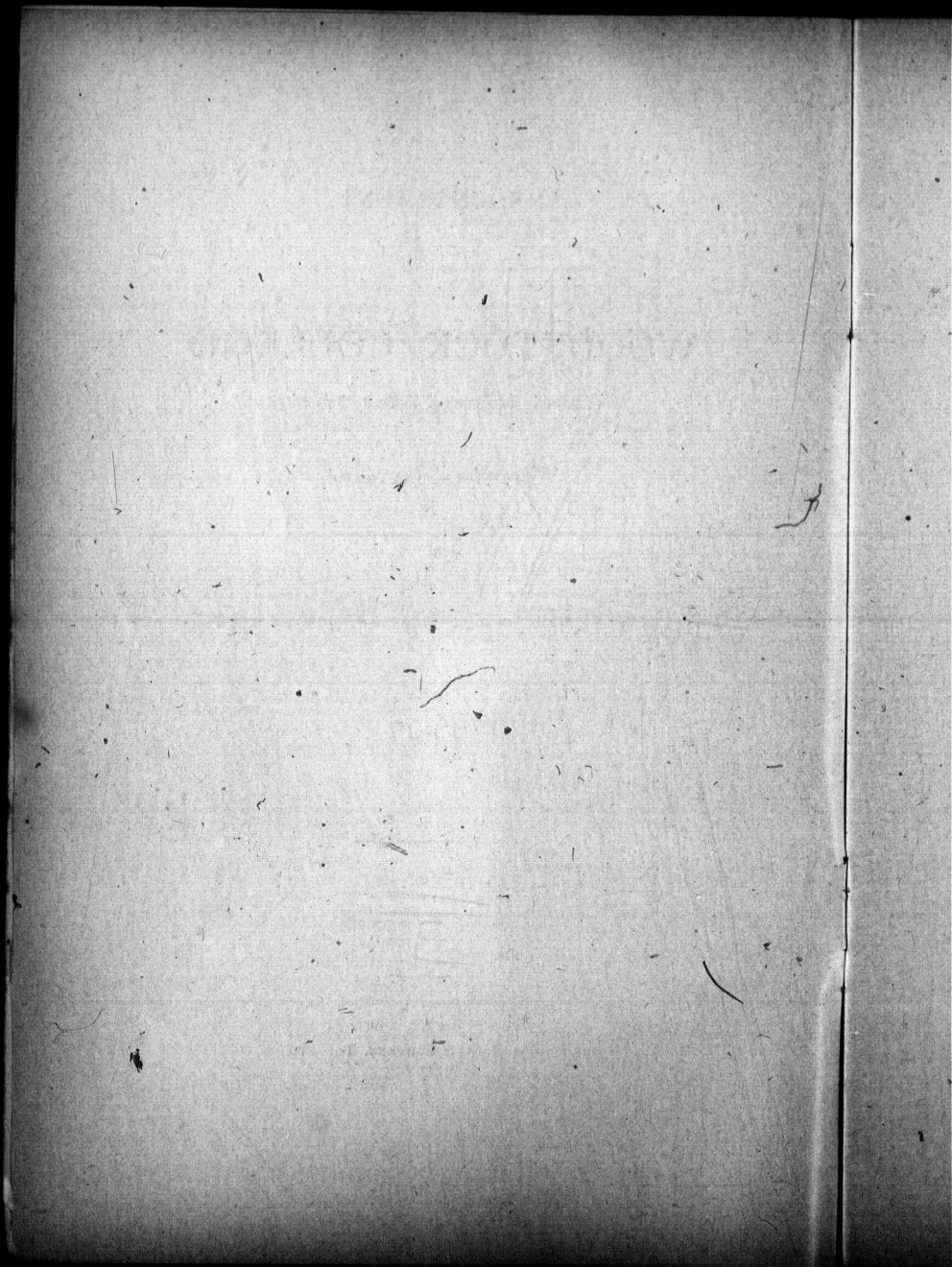
FOR

THE EDUCATION OF YOUNG MEN

1896-97.

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1896.



Woodstock College.

CALENDAR—1896.

1 September	Tuesday, 9 a.m.	Entrance and Supplemental Examinations.
1 September	Tuesday	Fall Term begins.
13 September	Lord's Day	Sermon to Students.
25 September	Friday	Students and Old Boys' Field Day.
25 September	Friday	Ministerial Committee, 7 p.m.
18, 21, 22 December	Friday, Monday, Tuesday	Christmas Examinations.
23 December	Wednesday	Christmas Vacation begins.

1897.

5 January	Tuesday	Winter Term begins.
28 January	Thursday	Day of Prayer for Colleges.
21 May	Friday	Matriculation Exam. begins.
24 May	Monday	Queen's Birthday.
31 May	Monday	Junior Examinations begin.
2 June	Wednesday	Sermon to Graduating Class.
3 June	Thursday	Annual Meeting of Alumni.
3 June	Thursday	Closing Exercises.

RELATION TO McMASTER UNIVERSITY.

Woodstock College is the Academic Department of McMaster University for boys and young men. Its Faculty is selected by the Senate and appointed by the Board of Governors, and the Senate prescribes its courses of study and its examinations for Diplomas. The Chancellor of the University has, under the Board and Senate, responsible supervision of its administration.

McMaster University.

BOARD OF GOVERNORS.

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REV. ELMORE HARRIS, B.A.	TORONTO.
D. E. THOMSON, Q.C.	TORONTO.
RETIRING IN 1898.	
REV. S. S. BATES, B.A.	TORONTO.
HON. J. A. BOYD, LL.D.	TORONTO.
HON. JOHN DRYDEN, M.P.P.	BROOKLIN.
J. SHORT McMASTER, Esq.	TORONTO.
RETIRING IN 1897.	
J. S. BUCHAN, Esq.	MONTREAL.
C. J. HOLMAN, Esq., M.A.	TORONTO.
REV. D. HUTCHISON	BRANTFORD.
D. W. KARN, Esq.	WOODSTOCK.

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J. SHORT McMASTER, TORONTO *Treasurer.*
T. F. WEBB, Board of Trade Building, corner Front and Yonge
Streets, Toronto *Secretary.*

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From the Faculty of Woodstock College.

J. I. BATES, B.A., Ph.M. H. L. McNEILL, B.A.

From the Faculty of Houlton College.

MISS ADELAIDE L. DICKLOW, M.A. MISS ELIZA P. WELLS, B.A.

From the University Alumni.

(Figures following names show when term expires.)

ARTS.

A. K. BLACKADAR, M.A., 1901. REV. G. CROSS, B.A., B.Th., 1899.
REV. J. L. GILMOUR, B.A., 1900. REV. R. R. McKAY, B.A., 1893.
LINUS WOOLVERTON, M.A., 1897.

THEOLOGY.

REV. A. P. McDONALD, B.A., 1901. REV. W. M. WALKER, B.A., 1899.
REV. W. H. CLINE, B.D., 1900. REV. W. J. McKAY, B.D., 1898.
REV. A. MURDOCH, LL.D., 1897.

Representing the Convention of the Maritime Provinces in matters
pertaining to Theology.

REV. E. M. KEIRSTEAD, M.A. REV. J. C. SPURR.
H. H. BLIGH, M.A., Q.C. HON. WALLACE GRAHAM.
HON. J. W. JOHNSTON, D.C.L. REV. E. M. SAUNDERS, D.D.
REV. J. W. MANNING, B.A. F. H. EATON, M.A.

Representing the Convention of Manitoba and the North-West in matters
pertaining to Theology.

H. S. WESTBROOK, ESQ. S. J. McKEE, ESQ.

Executive Committee of the Senate.

THE CHANCELLOR.

Representing the Faculty of the University.

DR. C. GOODSPEED.

PROF. J. TEN BROEKE.

Representing the Academic Departments.

PRINCIPAL OF WOODSTOCK COLLEGE.

PRINCIPAL OF MOULTON COLLEGE.

Representing the University Alumni.

REV. W. H. CLINE, B.D.

L. WOOLVERTON, M.A.

Representing the Convention.

REV. ELMORE HARRIS, M.A.

C. J. HOLMAN, M.A.

REV. S. S. BATES, B.A.

Committee on Ministerial Education.

THE CHANCELLOR,
PRINCIPAL BATES,
SUPT. HOME MISSIONS. } *ex officio.*
SEC. FOREIGN MISSIONS.)
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REV. D. M. WELTON, D.D.
REV. C. GOODSPEED, D.D.
REV. JAMES GRANT.
REV. D. HUTCHINSON.

Woodstock College.

FACULTY.

JOSEPH I. BATES, B.A., Ph.M., PRINCIPAL.
THE BIBLE AND LATIN AND GREEK.

NEIL S. McKECHNIE, B.A.,
ENGLISH LANGUAGE AND LITERATURE.

DONALD K. CLARKE, B.A.,
MODERN LANGUAGES AND MANUAL TRAINING.

SCIENCE AND MATHEMATICS.

ABRAHAM L. McCRIMMON, M.A.,
LATIN AND GREEK.

HARRY L. McNEILL, B.A.,
PREPARATORY DEPARTMENT.

College Physician :

DR. A. McLAY, WOODSTOCK.

MR. A. N. GRAY,
Steward.

MRS. A. N. GRAY,
Matron.

Woodstock College.

GENERAL INFORMATION.

SITUATION.

The College is beautifully situated in Woodstock, County Town of Oxford ; population, 9,000. Owing to the intersection of four lines of railway, it is easy of access from any point. The surrounding country, one of the most elevated and healthful districts in Ontario, is beautifully undulating, and the scenery diversified and picturesque.

GROUNDS AND BUILDINGS.

The grounds are large, being over thirty acres in extent. They are well drained and finely ornamented with trees and shrubs. They afford the most ample room for all kinds of outdoor sports. These sports hold, in the College, an important place in promoting a healthy physical development, as well as a manly character, in its students.

The buildings, three in number, besides the workshop and gymnasium, are all substantial brick structures, finely adapted to the purposes for which they are used. They are lighted with gas, heated chiefly by steam, and are well ventilated throughout. There are bath-rooms and closets on each flat, provided with hot and cold water. The buildings are thus fitted in every respect to minister to the physical comfort of the students, as well as promote in the best sense the educational work of the institution. It is not too much to say that in the matter of buildings, including students' rooms, dining-room, library, reading-room, society rooms, teachers' residences, chapel, class-rooms, laboratories, gymnasium and workshop, Woodstock College affords first-class advantages.

CHARACTER AND AIM.

Woodstock College is designed to be, above all else, a Christian school of learning. Its aim is to surround the student with Christian influences; to guide him sympathetically in the pursuit of knowledge, and teach him the Christian way of seeing things; to keep before him Christian ideals, and by word and life commend the knowledge of God and Christ-like character as the highest possible attainment.

For this purpose thorough class-work is essential. In harmony with the two-fold aim of building up Christian character and ensuring thorough scholarship are the principles of government and the courses of study.

ADMISSION.

Application for admission should be made to the Principal before coming to school. Such application should be accompanied by a certificate of character and statement of the age and scholarship of the applicant and of the studies he desires to pursue. *None, however, need apply for admission but such as are prepared to comply heartily with all the requirements of the College, and devote their entire time and energy to the work prescribed.* The superior advantages for study and for the development of a true manhood which the College affords are intended for such only as desire to make the best possible use of their school life, and who can therefore enter fully into the spirit of earnest work which pervades every department of the institution.

To gain admission into any one of the regular courses of the College, the applicant must pass a satisfactory examination upon a full equivalent to what is required to enter a Provincial Collegiate Institute or High School. A certificate of having passed such examination will be accepted. Applicants who are not prepared to enter any of the regular courses of the College will be admitted into the Preparatory Course.

PRINCIPLES OF GOVERNMENT.

1. In seeking to develop a symmetrical character and the power of self-government in each student, the Golden Rule,

"Do unto others as ye would that they should do unto you," is made the foundation of every requirement.

2. The relation of teacher and student involves a pledge on the part of each to regard the interests of the other as sacred, which pledge is assumed to be given when the student enters the College.

3. From the very nature of the relation between teacher and student, the teacher is always to be regarded as the proper judge of what is to be viewed, under any given circumstances, as right or wrong, but before making any decisions all the circumstances are fully considered.

4. The highest good of the individual student, so far as it is compatible with the highest good of the whole College, is regarded as a fundamental principle in all discipline.

5. No requirements are made of any student that are not, under similar conditions, made of every student in the College.

6. The spirit in which everything is done is considered more important in its effect upon the student and upon the College than the form.

7. Character and correct deportment receive the first attention of the teachers.

Mental discipline alone is not the highest measure of success in practical life, nor is it the measure of the highest form of manhood. The power acquired through the study of various subjects under the guidance of teachers will be effective in after life just to the extent to which strength of character and the power of self-control have been developed. In view of these facts, character and proper deportment are regarded as the crowning excellence of true scholarship. The various regulations of the College are not intended simply to secure order, that the teachers may perform their work successfully, but they are designed to cultivate correct views of the relations of the governing to the governed, correct habits, and the power of self-government.

Students will not be allowed to remain in the College after it becomes evident that they fail to enter into the spirit of the College, as indicated in the foregoing. It is believed that the excellence of the School can be maintained in no other way.

EXAMINATIONS AND STANDINGS.

Examinations are held regularly, and upon the results of these, combined with the record of daily work in the class-room, the student's standing is estimated. The results of the terminal examinations are sent home to parents and guardians. Students are promoted only upon passing satisfactory examinations upon the work of each year. Matriculation, as well as teachers' examinations, are held in the College. The members of the Faculty remain after the College closing in June to give special assistance to the class in preparation for the teachers' examinations. Students who have failed in any of the work of their year will be required to take a supplemental examination on that work at the time specified in the Calendar, and such students shall not be promoted unless this regulation is complied with. A student will be ranked in the third class on a standing of 40 per cent.; in the second class on a standing of 60 per cent., and in the first class on a standing of 75 per cent.

RELIGIOUS PRIVILEGES.

There are in the town the following churches, viz.: Two Presbyterian, two Episcopalian, three Methodist, a Congregational, and two Baptist. All students are required to attend such church as their parents or guardians may prefer, and without their written consent no pupil is allowed to change his place of worship. Parents are specially requested to send with the pupil, in each case, a written intimation of their wishes in this respect.

As will be seen from the curriculum, special provision is made for Bible Study, in accordance with the general aim of the institution as a Christian school of learning.

Prayer meetings are held weekly, which, in the past, have proved a general blessing.

Under the auspices of the Judson Missionary Society, afternoon and evening sessions are devoted monthly to the consideration of missionary work at home and abroad.

THE HEALTH OF THE STUDENTS.

Special care is given to the physical needs of the students. They are required to take regular exercise in the gymnasium under the direction of a master.

The dining-table is provided with a wholesome, abundant and varied bill of fare.

Every attention has been given to sanitation.

SOCIETIES.

THE JUDSON MISSIONARY SOCIETY meets monthly, and is composed of all the Christian students and teachers of the College—the Principal being *ex officio* President of the Society. At these meetings lectures are delivered, and essays and papers bearing on Mission work are read.

THE PHILOMATIC LITERARY SOCIETY is composed of the senior students, and holds weekly meetings, at which the exercises consist of orations, essays and debates.

THE EXCELSIOR SOCIETY, composed of the junior students, has similar exercises.

THE ALUMNI SOCIETY is composed of teachers and former students of the school. Its object is to unite them in the closest bonds of friendship, not only to one another, but also to their *Alma Mater*.

An Annual Meeting is held in connection with the Commencement exercises in June. At this meeting old friendships are renewed, new friendships formed, and matters of interest to the Alumni, and of importance to the College, are discussed and promoted. An interest is thus awakened which it is not difficult to foresee will be of no slight value in advancing the welfare of the College.

OFFICERS FOR 1895-96.

President—REV. W. H. CLINE, B.A., B.D.

First Vice-President—MR. A. N. HOTSON, M.D.

Second Vice-President—MISS ETTA M. STEWART, B.A.

Secretary—REV. G. B. DAVIS, B.D.

Treasurer—MR. N. S. MCKECHNIE, B.A.

Musical Director—MR. J. M. WYTE.

LECTURES.

The aim of the College being to broaden and liberalize as well as to instruct, a course of lectures will be given during the year by prominent men.

READING ROOM.

The Reading Room is well supplied with the leading papers and magazines of this and other countries. Special care is taken by the Faculty to direct the reading of the students, and thus make the Reading Room a most valuable educational adjunct.

LIBRARY.

The College Library consists of about 4,000 volumes, nearly all selected with special reference to the wants of the institution. To this all students have daily access to consult books of reference, and all necessary facilities are afforded by the Librarian at stated times for the withdrawal of other books for private reading. Mrs. Fyfe's valuable gift to the College of 1,250 volumes, from the private library of the late Dr. Fyfe, is highly appreciated both by students and teachers. During the past few years large additions have been made to the Library by purchase and by gift, and it is expected that new volumes will be added from year to year, the hope being to make the Library one of the most important helps of the College.

In connection with the use of the Library, special courses in general reading are arranged by the Principal and Faculty for the benefit of the students.

SCHOLARSHIPS AND PRIZES.

Among the prizes are the following:—

The Hiram Calvin Scholarship of \$50, to be awarded annually to the student for the Baptist ministry, who in the last two years of the regular course proves most worthy, and continues his studies in McMaster University.

The S. J. Moore Scholarship of \$50, to be awarded annually to the student for the Baptist ministry, who in the third year of the regular course is deemed most worthy.

The D. W. Karn Scholarship of \$25, to be awarded annually to the student who in the second year of the regular course is deemed most worthy.

The Rev. Dr. Thomas Prize of \$15, to be awarded annually to the student who in the first year of the regular course is deemed most worthy.

The Wm. Davis Prize of \$10, to the student for the Baptist ministry, who in the preparatory class is deemed most worthy.

The John M. Whyte Prize of \$15, to the best essayist of the School.

The Mrs. Joseph Codville Prize of \$10, to the second best essayist of the school.

DRAWING.—First Year, Junior, a prize of \$10, by Miss Jeanie C. Hendrie.

DRAWING.—First Year, Senior, a prize of \$10, by Wm. E. Stuart.

TEACHERS' COURSE.

Primary Examinations.—First Prize, \$10, presented by Professor M. S. Clark. Second Prize, \$5, presented by—

Junior Leaving Examination.—First Prize, \$10, presented by Professor M. S. Clark. Second Prize, \$5, presented by—

The P. K. Dayfoot Prize of \$10, to the best speaker of the School.

MANUAL TRAINING DEPARTMENT.

Senior Year.—Gold Medal, presented by Dr. F. C. Bartlette. Silver Medal, presented by R. Whitelaw, Esq.

Middle Year.—First Prize, \$10, presented by W. J. Copp, Esq., Hamilton. Second Prize, valued at \$10, presented by Mrs. D. K. Clarke.

Junior Year.—The A. M. Scott Prize, of the value of \$8. Second Prize, \$5, presented by Messrs. Dudley & Burns, Toronto.

Other prizes may be awarded, the particulars of which will be announced at the College opening in September.

FACILITIES FOR INSTRUCTION IN THE SCIENCES.

The Science Class-room is provided with raised seats, dark shutters, a sciopticon, and every convenience for purposes of illustration and demonstration in the various departments of Natural Science.

The Chemical Laboratory is well lighted and ventilated. It provides ample accomodation for 48 students, of whom 24 may work at once. All necessary apparatus for elementary, as well as advanced, analytic work has been provided, and all students who study this subject will have the advantage of doing so practically, under the direction of their teacher.

In the Biological Laboratory facilities are provided for the study of Botany and Zoölogy. Among these may be mentioned ten microscopes magnifying up to six hundred diameters; a complete set of microscopic preparations for the study of animal and vegetable Histology, and some fine models of human anatomy made by Dr. Auzoux, of Paris.

The department of Natural Science has been fitted up at a cost of over \$3,000. The most approved appliances are provided for teaching purposes and for student practice; and no pains will be spared to make the work done both thorough and practical.

MUSEUM.

The College Museum is constantly growing in interest and value.

Through the kindness of former students and friends, many articles of historical and scientific interest have found their way to its shelves.

ASTRONOMICAL OBSERVATORY.

Through the liberality of a few friends of the College, a well-furnished Astronomical Observatory has been provided. The following is a list of the instruments:—

EQUATORIAL TELESCOPE.—This has a focal length of eleven feet, a clear aperture of $8\frac{1}{4}$ inches, a finder of 2 inch aperture, and eight eye-pieces, with powers ranging from 75 to 800, and is equatorially mounted with hour and declination circles and driving clock.

TRANSIT INSTRUMENT, fully mounted and adjusted; object glass, $2\frac{1}{4}$ inches.

SIDEREAL CLOCK.—Gravity escapement, mercurially adjusted pendulum, with electrical attachments.

MICROMETER, with position circle, and graduated to measure the ten-thousandth part of an inch.

METEOROLOGICAL OBSERVATIONS.

Observations are made in the following elements: Pressure and relative Humidity of the Atmosphere; Mean, Maximum and Minimum Temperature; Clouds; Depth of Rain and Snow; the Rate, Force and Direction of the Wind. First-class apparatus of the Dominion Government, including Robinson's Anemometer, with Electric Registering Apparatus attached, is used; and students who desire it are thus afforded an opportunity of becoming practically acquainted with the details of Meteorological Observations.

RECREATION.

The large grounds belonging to the College afford excellent facilities for healthful out-door sports. There is ample space for double sets of players at the same time. Football, Baseball, Lawn Tennis, Cricket, Lacrosse and Hockey Clubs are maintained. It will be the aim of the teachers to encourage in students a love of outside exercise. No pains will be spared to secure to the students the health-giving effects of fresh air and out-door recreation.

During inclement weather, and during the winter season, the Gymnasium building may be advantageously used. In this connection it is found that the practical work in the shops and laboratories is proving exceedingly attractive to the students. The aim of the School in this regard is to afford the means of acquiring, amid home-like surroundings, a thorough, substantial training in the real things of life. Last year the College added to its facilities for exercise a Skating Rink.

STUDENTS' ROOMS.

In no case will more than two students be put in one room, and then each has a bed to himself. To secure rooms, early application must be made. Rooms secured, will not, however, be kept vacant for the applicant after the first day of the term unless the cause of delay be previously communicated to the Principal. The applicant should state whether he wishes to room alone.

Each room is furnished with an iron bedstead, a woven-wire spring bed, hair mattress, pillow, bureau, washstand, toilet set, table and chairs—the students provide towels and bed-clothing, including at least three sheets and two pillow-cases. In addition to this, each student is expected to provide himself with four table napkins, a napkin-ring, and a spoon for use in case of sickness. All linen and articles of clothing must be marked with the owner's name.

BOOK ROOM.

All books and stationery required may be obtained at the College book room.

EXPENSES.

The total cost for the School year is \$145.

	Fall Term.	Winter Term.
Tuition	\$12 50	\$17 50
Board, room rent, light, heat and laundry, when two students occupy one room	48 00	66 00
Library and Reading-Room Fee	40	60
	<u>\$60 90</u>	<u>\$84 10</u>

It is made possible to offer these very reasonable terms because of an annual endowment of \$8,000.

SPECIAL EXPENSES.

Manual Training, for use of material, \$9 per year.

Pianoforte Instruction, 15 lessons, \$10.

Use of piano, one period per day, 10 cents per week.

Meals brought to student's room, 10 cents.

Diploma Fee, \$2.

By paying 50 cents extra a week, a student may have a room to himself. For all washing over eight pieces per week, 50 cents per dozen will be charged. No charge will be made for washing table napkins, towels or bed linen.

TERMS OF PAYMENT.

The payment for the Fall Term is required in advance. An advance payment of one-half is required at the beginning of the Winter Term, and the balance on March 12th.

No deduction from the board bill will be made for absence of less than two consecutive weeks during the term, *and only in cases where such absence has been specially approved by the Principal*. No deduction will be made for absence of less than a week. No deduction in tuition will be made for absence of less than five weeks. Cheques not payable in Woodstock must have exchange added.

✎ A reduction of 10% on all charges is made to ministers' sons of any denomination.

✎ A reduction of 10% is allowed when two or more are from the same family.

✎ A discount of 3% on charges for winter term will be allowed when payment is made in advance for the whole year.

✎ Each student is responsible for his own room. Any damage to property must be paid for by the student occupying the room in which the damage was committed.

There is a limited opportunity for students of some experience to supply, under the direction of the Faculty, pulpits accessible from the College; and remunerative employment on mission fields is, as far as possible, secured by the Ministerial Committee to competent students during the summer vacation.

A WORD TO PARENTS.

It is a great gain to a student to be present on the opening day of each session.

Students have no occasion for more spending money than when at home.

It need scarcely be said that the use of tobacco, wine or spirituous liquors is not allowed.

Parents are always welcome at the College.

COURSES OF STUDY.

The College furnishes three Courses of study, on the successful completion of any one of which the Senate will issue to the student the College Diploma : *Matriculation, Teachers', English Scientific.*

The requirements for admission are the same for all the courses, and the same as for entrance to a Provincial High School or Collegiate Institute.

The Primary and Junior leaving examinations will be held in the College, and after the June closing masters will remain to give special help to candidates for these examinations.

Matriculation from Woodstock College is accepted by any Canadian University.

Bible study forms a part of every student's work.

Every student is expected to take an active part in one of the literary societies.

Special care is given to physical training. Each student receives regular instruction in the gymnasium under the direction of a master.

Instruction in Instrumental Music is given, for which an extra charge is made.

The schedule of work is as follows :—

FIRST YEAR.

ENGLISH.—The critical study of the extracts in the *High School Reader* required for the Primary examination for 1898. A short composition with attention to penmanship will be required of each student every week. Such grammatical exercises and analyses, as may be found necessary to aid in the appreciation and expression of good English, will also be required, together with the memorizing of selected portions of authors studied.

MATHEMATICS.—Arithmetic: *High School Arithmetic*; Review of Vulgar and Decimal Fractions, Roots of Numbers, Commercial Arithmetic, General Problems.

Algebra: *High School Algebra*, through simple equations of one unknown quantity, chaps. i.-v.

CLASSICS.—Latin: *Robertson and Carruther's Primary Latin Book*, Lessons 1-45.

N.B.—The Roman method of pronouncing Latin is required:—*a* as in *far*, *a* the same sound but shorter; *e* like *a* in *fate*; *æ* as in *set*; *i* as in *machine*; *t* as in *fit*; *o* as in *note*; *o* as in *obey*; *u* as in *rude*; *u* as in *full*; *j* (i. e., *i* consonant) like *y* in *year*; *c* and *g* always hard, as in *can*, *go*; *t* always as *t*, never as *sh*; *æ* as *ai* in *aisle*; *au* as *ou* in *our*; *ei* as in *feint*; *eu* = *eh—oo*; *oe* as *oi* in *oil*; *ui* almost as *wæ*.

NATURAL SCIENCE.—Anatomy, Physiology and Hygiene: A general knowledge of the bones, muscles, nerves, blood-vessels, digestive organs, etc., is required, together with a more particular knowledge of the sense organs.

For this Course excellent anatomical models and microscopic sections have been provided.

DRAWING.—Freehand, Practical Geometry and Linear Perspective.

GENERAL COURSE.—*The Bible*—The Life of Christ. *Montgomery's English History*, Canadian History.

MANUAL TRAINING.—Drawing, Freehand, Practical Geometry and Perspective, drawing to scale all shop exercises—Carpentry, Woodturning, Construction.

SECOND YEAR.

ENGLISH.—*High School Grammar*; Grammatical analysis; social forms; invitations, notes and general correspondence. The critical study of the literary extracts required of candidates for the Primary examination for 1897. A short composition will be required weekly, as well as the memorizing of selected portions of the authors prescribed.

MATHEMATICS.—Arithmetic: *High School Arithmetic*; General Problems; Commercial Arithmetic. Algebra: *The High School Algebra*, chaps. vi-ix.

CLASSICS.—Latin: *Primary Latin Book* completed and Cæsar. Greek: *White's The Beginner's Greek Book*, Lessons 1-40.

MODERN LANGUAGES.—French: *High School Grammar*, Lessons 1-25, extracts from the *High School Reader*. German: *High School Grammar*, Lessons 1-20.

NATURAL SCIENCE.—Physics: The properties of matter, the nature of energy in its various forms, and the elementary laws of sound and light are discussed and illustrated.

Botany: An elementary course is provided in the Fall and Spring preparatory to the fuller course of the Second Year.

GENERAL COURSE.—*The Bible*—The Life of Christ. Commercial work, the *High School Book-keeping*. Physical Geography.

DRAWING.—Object Drawing and Industrial Design.

MANUAL TRAINING.—Drawing, Object Drawing, Mechanical and Industrial Design—Joining and turning in hard and built-up woods; Pattern-making, Wood-carving.

THIRD YEAR.

ENGLISH.—*The High School Grammar*. Grammatical analysis; Rhetorical structure of the sentence and paragraph.

MATHEMATICS.—Arithmetic: *High School Arithmetic*; Commercial Arithmetic continued. Mensuration. Theory and Problems. Algebra. *High School Algebra* to chap. xv.: Geometry, Book I, with Problems and Appendix (Mackay).

CLASSICS.—Latin: Translations from English into Latin of sentences, and of easy narrative passages based upon the prescribed texts. *Cæsar, Bellum Gallicum*, II., III., IV.

GREEK.—Translation from English into Greek of sentences and of easy passages based upon the prescribed texts.

Selections from Xenophon, *Anabasis* I., in *White's Beginner's Greek Book* (pp. 304-428), with the exercises thereon.

MODERN LANGUAGES.—French: *High School Grammar*, Lessons 26-40. Reading portions from Feuillet, *La Fée*. German: *High School Grammar*, Lessons 21-35. Reading portions from Hauff, *Das Kalte Herz*.

NATURAL SCIENCE.—Botany: Representatives of the various Classes of the Vegetable Kingdom, from Bacteria to Phanerogams, are studied with the aid of the Compound Microscope. This includes a knowledge of Cells and Tissues and of Plant Physiology, with such practical applications as Grafting, Budding, and formation of new varieties of Flower and Fruit.

Physics: An Experimental Course adapted to the requirements of the Primary and Matriculation Examinations.

GENERAL COURSE.—*The Bible*—Inductive study of the Apostolic Church. *History and Geography*. Great Britain and Canada from 1763 to 1871, with the outlines of the preceding periods of British History. The Geography relating to the History prescribed.

MANUAL TRAINING.—Mechanical and Architectural working drawings, Blacksmithing, Forging, Welding, Tempering, Brazing.

Machine Work: Chipping, Scraping, Filing, Planing, Milling and Lathe Work.

FOURTH YEAR.

ENGLISH.—Composition. Special attention will be paid to writing, spelling and punctuation. Attention will also be given to the structure of the whole essay, the effective ordering of the thought, and the accurate employment of a good English vocabulary.

Literature : The following selections will be critically studied :—

GOLDSMITH :—The Traveller, The Deserted Village.

BYRON :—Fourth Canto of Childe Harold.

The following selections from Palgrave's Golden Treasury :—

WORDSWORTH :—“She was a Phantom of Delight,” The Green Linnet, To the Cuckoo, and the following Sonnets : “England and Switzerland, Upon Westminster Bridge, The Inner Vision.

KEATS :—Ode to Autumn, Ode to a Nightingale, and the following Sonnets : On Chapman's Homer, The Terror of Death, The Human Seasons.

SHELLEY :—Ozymandias, To a Skylark, The Recollection.

SCOTT :—The Outlaw, Jock o' Hazeldean, The Rover, Rosabelle.

MATHEMATICS.—Algebra : *High School Algebra* completed. Geometry : Books II. and III., with Problems (Mackay).

CLASSICS.—Latin : Translation from English into Latin of sentences and of easy narrative passages based upon the prescribed prose texts.

VIRGIL, *Aeneid* III, and CÆSAR. *Bellum Gallicum* II., III., IV.

Greek : Translation from English into Greek of sentences and of easy narrative passages based upon the prescribed prose texts.

Selections from XENOPHON, *Anabasis* I., in White's *Beginner's Greek Book* (pp. 304-428), with the exercises thereon.

HOMER, *Iliad* I.

MODERN LANGUAGES.—French : Grammar and Composition.

De Maistre, *Voyage autour de ma chambre*.

Labiche, *La Grammaire*.

German : Grammar and Composition.

Leander, *Träumereien*, selected by Van Daell.

NATURAL SCIENCE.—Chemistry : Three lessons a week are arranged for the study and illustration of the elementary principles of Chemistry, and of the more common elements and compounds. The course will be practical throughout, and will include elementary qualitative analysis.

GENERAL COURSE.—*The Bible* : Inductive study of the Apostolic Church. History and Geography. Outlines of Greek History to the battle of Chaeronea, and of Roman History to the death of Augustus. The Geography relating to the History prescribed.

**COURSES OF INSTRUCTION FOR THE COLLEGE
DIPLOMA, ARRANGED FROM THE
FOREGOING.**

NOTE.—The work of each year will be seen on reference to the details under Courses of Study, pp. 20-23.

MATRICULATION COURSE IN ARTS.

English.

Latin.

Mathematics.

History and Geography.

French or German, and either (1) Greek, or (2) the second Modern Language with Physical Science (Physics and Chemistry).

TEACHERS' COURSE.

FIRST FORM Examinations—*Subjects* : Drawing, Writing, Book-keeping and Commercial Transactions, Geography, Botany, Reading.

SECOND FORM Examinations—(1) *Subjects* : Part I.—English Grammar and Rhetoric, Arithmetic and Mensuration, the History of Great Britain and Canada, Physics; Part II.—English Composition, English Literature, Algebra, Geometry. (2) *Optional Subjects* : Latin, Greek, French, German.

THIRD FORM Examinations—*Subjects* : English Composition, English Poetical Literature, Ancient History, Algebra, Geometry, *Latin, French or German*, with (a) Greek, or (b) the second Modern Language and Chemistry, or (c) Physics, Botany and Chemistry.

Candidates for a Primary certificate shall take the First and Second Form Examinations.

☞ Candidates for a Junior Leaving certificate shall take the First Form Examination and Part I. of the Second Form Examination, and one of the Third Form Examinations.

ENGLISH SCIENTIFIC COURSE.

English.
Mathematics.
General Course.
Natural Science.
Manual Training.

In connection with this Course such work as is necessary for matriculation into schools of science will be given.

Preparatory Course.

This is a course of one year, designed for those who are not prepared to begin the regular collegiate work.

Students must be far enough advanced to cover without difficulty in one year the work for entrance to High Schools, and are expected to present certificates of standing from the principal of the school last attended.

The following is in general the standing required for admission to this preparatory course :—

Reading.—To be able to read intelligently the less difficult lessons in the Fourth Reader, and to spell the ordinary words in common use.

Grammar and Composition.—To know the elements of grammar, including the classes and uses of words, analysis of simple sentences, use of capitals, easy letter writing, and short essays on familiar subjects.

Geography.—The definitions, map of the world, and of Canada or of the United States.

Arithmetic.—Familiarity with the simple and compound rules.

The Preparatory Course for the year is, in outline, as follows :—

READING AND LITERATURE.—The elementary principles of reading, the careful study of selections from the High School Reader, and the memorizing of extracts from the best authors.

SPELLING.—The spelling and principles of pronunciation of words in ordinary use and verbal distinctions.

COMPOSITION.—Letter writing, business forms, essays, reproduction of stories and conversations, direct and oblique narrations, punctuation and correction of errors. The first 120 exercises in *One Hundred Lessons in Composition*.

GRAMMAR.—The *Public School Grammar*.

GEOGRAPHY.—The general geography of the continents and their political divisions, and the particular study of Canada, the United States and the British Empire and map-drawing. *Public School Geography*.

HISTORY.—The outlines of English History; *First History of England*, by Louise Creighton.

ARITHMETIC.—Practical business Arithmetic as far as percentage.

WRITING AND DRAWING.

BIBLE.

MANUAL TRAINING.

Woodstock College has been the first school in Canada to introduce this feature into its educational course. In European schools, as well as in the United States, Manual Training has been for some time adopted, and is every year becoming more general. Its aim is to cultivate the practical side, at the same time that the more strictly mental and theoretical are being cultivated in the ordinary class-room work. It is designed to give a student a practical acquaintance with the principles underlying mechanical operations in general; not only to enable him readily to appreciate all mechanical pursuits, but to give him greater sympathy with all those engaged in these pursuits, as well as greater influence over them, to qualify him, in short, to become more manly among men and more successful in any business he may pursue. At the same time Manual Training has been found, wherever adopted, to have a beneficial effect upon the other departments of work.

It is a great benefit to a boy to learn *how* many things are done, but while he is learning this, other objects of even greater importance are attained. He is trained to habits of accuracy in every exercise he draws and executes; his taste and appre-

ciation for beauty are cultivated by turning and carving; thoughtfulness is developed throughout by the constant oversight and care of his tools and machinery; and independence and self-reliance are the natural outcome of a boy's exercising every day his power over material things and natural laws.

The result of the work as carried on since the opening of this department in Woodstock has realized the best that was expected of it, and the development of practical manliness, thoughtfulness and earnest application has been fostered by nothing more than by the discipline afforded by Manual Training. The great expense at which the department was equipped has been more than justified by the benefit that it has proved itself capable of conferring upon those who take advantage of it.

The present equipment, which has cost about \$10,000, comprises a two and a-half storey brick building, 30 x 80 ft., a ten-horse power gas engine, a combination planer, circular and scroll saws, 25 turning lathes and benches, 48 sets of tools for carpentry and turning, 24 sets of wood-carving tools with benches, two engine lathes, a milling machine, a 20 in. drill, with sensitive attachment, an iron shaper and planer, 8 anvils and forges and sets of blacksmithing tools. In addition, there is a very complete set of special tools for occasional use.

The course of instruction extends over three years, and comprises drawing, cabinet work, turning, pattern-making and wood-carving, blacksmithing, and machine work in iron and brass. This course is indicated in detail under *Courses of Study*.

The work in Manual Training may be completed before the beginning of the last year of the College course, and all students are thus able to take it without interfering with any of the matriculation examinations.

Woodstock College provides for matriculation into Schools of Science and Engineering, and through its very superior equipment for practical work in Physical Science, together with Manual Training, it affords to students proposing to enter upon any of these courses advantages unequalled by any other school in Canada.

The only extra charge in this department is a fee of \$9 a year, which is merely intended to cover the actual cost of material

used. Manual Training is optional, and is taken by students in addition to their other work. In the *English Scientific Course*, however, it forms a part of the regular work of the course.

All articles made during the regular course of instruction are the property of the School, but students who, because of aptness or industry, complete the required work before the expiration of the specified time, may make articles of their own choice, under the direction of the instructor, and such articles will become their own property upon the payment of the price of the material used in making them.

STUDENTS IN ATTENDANCE AT WOODSTOCK COLLEGE DURING THE SESSION OF 1895-6.

PREPARATORY.

<i>Name.</i>	<i>Address.</i>
Anderson, Atkin McK.	Woodstock.
Allison, Samuel	Caledon East.
Borch, Charles	Detroit.
Brown, O. P.	Windsor, N.S.
Dowling, Harry L.	Woodstock.
Duncombe, Reginald	Delhi.
Gifford, C.	Jerseyville.
Hambidge, Charles G.	Aylmer.
Hand, George	Sarnia.
Hayward, Henry C.	Gladstone.
Howell, Edward E.	Paris.
Kinney, G. S.	New York.
Lackey, William E.	Richmond, Va.
Livingston, William	Niagara Falls, N.Y.
Luton, Ervin.	St. Thomas.
Pearson, Thomas	Lulu Island, B.C.
Post, Judson	Warton.
Russell, Clarence	Toronto.

FIRST YEAR.

<i>Name.</i>	<i>Address.</i>
Amos, William	Syracuse, N.Y.
Banting, Charles L.	Woodstock.
Cobb, Arthur F.	Belleville.

<i>Name.</i>	<i>Address.</i>
Cowan, Charles P.	Princeton.
Dalrymple, James	Lakeside.
Damen, William A.	London.
Deans, Robert B.	Inwood.
Dowling, James J.	Woodstock.
Dryden, William A.	Brooklin.
Eastman, George L.	Welland.
Fuller, Robert S.	Woodstock.
Harkness, Silas R.	Sarnia.
Haven, Donald B.	Kansas, Mo.
Hood, Fred D.	St. Louis, Mo.
Janes, Thomas H.	London.
Junor, John K.	New York.
Kemp, Charles H.	Woodstock.
Lailey, Oswald	Toronto.
Lailey, Whitney W.	Toronto.
Le Grice, Linus	Woodstock.
Mara, Clifford L.	London.
McKechnie, St. Clair	Woodstock.
Pearce, William C.	Toronto.
Pickrell, William	Woodstock.
Piercy, Herbert	Moseley, Eng.
Roberts, William T.	Minsterley, Eng.
Taylor, Arthur W.	Whitby.
Ware, Harry	Toronto.
Whiteford, James L.	Galt.
Wright, Alvin	Woodstock.

SECOND YEAR.

<i>Name.</i>	<i>Address.</i>
Atkins, John	Bracknel, Berkshire,
Bagshaw, David E.	Vroomanton. [Eng.]
Beck, Charles	Delbi.
Bryant, Herbert.	Brockville.
Burke, Charles E.	Brantford.
Burke, Norman	Hartford.
Byrnes, Judson	Cumberland.
Carswell, Ernest	Plattsville.
Dadson, Alexander T.	Woodstock.
Dadson, Thomas M.	Woodstock.
Ellis, William	Lamlash.
Goble, Fred. W.	Goble's.
Gray, John R.	New Sarum.
Grimshaw, Joseph B.	London.
Harton, Lister	Toronto.

<i>Name.</i>	<i>Address.</i>
Henderson, Charles A.	Paris.
Holmes, James B.	Woodstock.
Huff, Wallace W.	Port Elgin.
Huggart, George	Woodstock.
Longyear, Frank D.	Lansing, Mich.
McDiarmid, Hugh	Turin.
McKechnie, Hugh J.	Paisley.
McLay, Samuel	Woodstock.
Morrow, Harry	Paris.
Pembleton, William E.	Ayr.
Ray, Volney A.	Galt.
Raymond, Leland	Grovesend.
Richardson, Charles N.	Flesherton.
Riggins, Howard A.	Beamsville.
Roet, George	Fonthill.
Rounds, John C.	Drumbo.
Scarlett, Emmett	Powassan.
Schell, Warren D.	Woodstock.
Stewart, Benjamin	Woodstock.
Thomas, Garfield	Toronto.
Tompkins, Charles L.	Port Colborne.
Washington, Frank	Woodstock.
Welch, William	New Westminster,
Wilson, Fred. C.	Woodstock. [B.C.
Woltz, Herbert	Hartford.
Wolverton, Alfred N.	Marshall, Texas.

THIRD YEAR.

<i>Name.</i>	<i>Address.</i>
Arkell, Herbert S.	Teeswater.
Bowyer, William E.	Woodstock.
Brown, Homer O.	Woodstock.
Coumans, Hiram B.	Lockport, N.S.
Down, A.	Woodstock.
Gazley, Albert	Barrie.
Grant, William	Victoria, B.C.
Guyatt, Richard E.	Binbrook.
Hurlbert, George	Ripley.
Jeffery, Eugene F.	San Francisco.
Kipp, Lewis F.	Goble's.
McDonald, Wilson P.	Port Dover.
McKay, John G.	Woodstock.
Phipps, Frank H.	Fullerton.
Rock, William H.	Perth.
Sayles, Edward	Brantford.

<i>Name.</i>	<i>Address.</i>
Stone, Leroy T.	Ridgeway.
Trestain, Charles W.	Strathburn.
Vickert, Gordon	Princeton.
Wallis, Clarke J.	Port Carling.
Welch, Arthur J.	New Westminster.
Wellwood, Fred J.	Wingham. [B.C.]
Wilson, George	Woodstock.

FOURTH YEAR.

<i>Name.</i>	<i>Address.</i>
Alexander, Robert	Galt.
Atkinson, Thomas	Inwood.
Brophey, Frank E.	Brantford.
Brownlee, Edgar A.	Hespeler.
Canfield, Alan W.	Woodstock.
Clemesha, William F.	Port Hope.
Cornwall, James M.	Springford.
Elliott, Fred. C.	Culloden. [Eng.]
Grigg, Samuel E.	Hatch, Somerset.
La Flair, John S.	Cape Vincent, N.Y.
McLean, Allan	Rockland.
McLennan, John P.	Farewell.
Pengelly, James E.	Peterboro'.
Robertson, William E.	Toronto.
Rogers, John A.	Wilfrid.
Smith, Howard A.	St. Catharines.
Snelgrove, Fred. J.	Woodstock.
Spidell, Wilbert F.	Lunenburg, N.S.
Sprague, George	Belleville.
Stapleton, John	Brantford.
Walker, William H.	Hamilton.
Welsh, Duncan J.	Mud Bay, B.C.
Whittaker, Septimus	Oil Springs.
Wood, Elmore E.	Onondaga.
Wright, Thomas J.	Stratford.

GRADUATES.

Class of '92.

Armstrong, J. A.	.. .. .	Matriculation.
Brown, Llewellyn	.. .. .	"
Clendinnin, Sylvester	.. .. .	"
Collins, Edward P.	.. .. .	"
Coventry, E. W.	.. .. .	"
Coventry, C. T.	.. .. .	"
Darroch, Archibald	.. .. .	"
De Cew, Judson	.. .. .	"
Garrow, Charles	.. .. .	"
Goble, Frank N.	.. .. .	English Scientific.
Goble, William J.	.. .. .	Matriculation.
Gregg, James W.	.. .. .	"
Keating, Henry	.. .. .	Matric. and Eng. Sci.
McCaw, John	.. .. .	Matriculation.
Marshall, Albourne	.. .. .	"
Mode, Peter	.. .. .	"
Mollins, Clarence	.. .. .	"
Paterson, James B.	.. .. .	"
Scott, Geo. A.	.. .. .	"
Seager, Charles A.	.. .. .	"
Sycamore, John C.	.. .. .	"
Vickert, John	.. .. .	"

Class of '93.

Brown, E.	.. .. .	Matriculation.
Cameron, J. H.	.. .. .	"
Grant, G. H.	.. .. .	Matric. into McGill.
Karn, F. H.	.. .. .	Eng. Sci.
Mauthorne, J. I.	.. .. .	Matriculation.
Overholt, A.	.. .. .	"
Pady, W. J.	.. .. .	"
Sneyd, Geo.	.. .. .	"
Telford, W. R.	.. .. .	"

Class of '94.

Bain, John A.	.. .. .	Eng. Scientific.
Firkle, Harry L.	.. .. .	Matriculation.
Hulet, Alfred E.	.. .. .	"

McLachlan, John	.. .. .	Matriculation.
Matthews, Frank	.. .. .	"
Thomas, Lewellyn	.. .. .	"
West, Wesley S.	.. .. .	"

Class of '95.

Bovington, D.	.. .. .	Matriculation.
Clarke, C. M.	.. .. .	"
Jones, J. T.	.. .. .	"
Knechtel, J.	.. .. .	Eng. Sci.
Macdonald, A. M.	.. .. .	Matriculation.
McFarlane, J. C.	.. .. .	"
Newcomb, H. C.	.. .. .	"
Scarlett, T.	.. .. .	"
Scott, F. J.	.. .. .	"
Surtees, T. A.	.. .. .	"
Simpson, B. R.	.. .. .	"
Tighe, W. B.	.. .. .	"
Thomson, A. J.	.. .. .	"
Torrie, A. W.	.. .. .	"
Weir, J.	.. .. .	"
Welch, G. R.	.. .. .	"
Welch, D. E.	.. .. .	"
Wenger, E. I.	.. .. .	Matric. into McGill.

PRIZES AWARDED FOR THE YEAR 1895-6.

General Proficiency Prizes.

FOURTH YEAR.

The Hiram Calvin Scholarship—David Bovington.

THIRD YEAR.

The S. J. Moore Scholarship—S. E. Grigg and W. H. Walker (equal).

SECOND YEAR.

First Prize, presented by D. W. Karn—F. H. Phipps.

Second Prize, presented by Wm. Davies—Herbert Arkell.

FIRST YEAR.

First Prize, presented by Rev. Dr. Thomas—De Lloyd Schell.

Second Prize, presented by Miss Hendrie—Sam McLay and Wm. Pembleton (equal).

PREPARATORY.

Prize presented by R. D. George—W. Damen and C. Mara (equal).

Manual Training Prizes.

SENIOR YEAR.

Gold Medal, presented by Dr. F. C. Bartlette—S. J. Whittaker.

Silver Medal, presented by R. Whitelaw, Esq.—A. W. Canfield.

MIDDLE YEAR.

First Prize, presented by W. J. Copp, Esq.—Clarke Wallis.

Second Prize, presented by Mrs. D. K. Clarke—Richard Guyatt.

JUNIOR YEAR.

First Prize, presented by A. M. Scott, Esq.—E. Scarlett.

Second Prize, presented by Dudley & Burns—A. N. Wolverton.

Prizes in Teachers' Courses.

PRIMARY EXAMINATION.

First Prize, presented by Prof. M. S. Clark—F. J. Snelgrove.

JUNIOR LEAVING EXAMINATION.

First Prize, presented by Prof. M. S. Clark—E. E. Wood.

PRIZE FOR PUBLIC SPEAKING.

Presented by Rev. P. K. Dayfoot—W. F. Spidle.