

## PROGRAMMES OF COURSE OF STUDY FOR THE HIGH SCHOOLS—Continued.

| SUBJECT.                        | FIRST FORM.                                                                                                             | SECOND FORM.                                                                                                                             | THIRD FORM.                                                                   | FOURTH FORM.                            |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------|
| PENMANSHIP .....                | Practice in Penmanship.                                                                                                 | Practice in penmanship.                                                                                                                  |                                                                               |                                         |
| LINEAR DRAWING .....            | Free hand and map drawing. Outlines of plain and solid figures.                                                         | For boys, mathematical drawing, and for girls, shading and landscape.                                                                    | Drawing of animals, human form, mathematical projection, shading & colouring. |                                         |
| BOOK-KEEPING, &c .....          | Single and double entry.                                                                                                | Single and double entry, commercial forms and usages.                                                                                    | Banking, Custom House, General Business Transactions.                         | Subject of Form III., with Telegraphy.  |
| ARITHMETIC .....                | Practice, Proportion, Interest, simple and compound.                                                                    | Discount, Stocks, Exchange, Involution and Evolution, Scales of Notation.                                                                | General Review.                                                               |                                         |
| ALGEBRA .....                   | Definitions and first 17 exercises of authorized text-book.                                                             | To end of quadratic equations.                                                                                                           | Authorized text-book, to end of Section XIV.                                  | To end of authorized text-book.         |
| GEOMETRY .....                  | Euclid, Book I.*                                                                                                        | Books II. and III.†                                                                                                                      | Book IV., with principles of Book V.                                          | Book VI., with review of whole subject. |
| LOGIC .....                     |                                                                                                                         |                                                                                                                                          | Easy lessons in Reasoning, Part I. to p. 71.                                  | Easy lessons in Reasoning, completed.   |
| TRIGONOMETRY .....              |                                                                                                                         |                                                                                                                                          | Plane Trigonometry, to solution of triangles (inclusive).                     | Application of Plane Trigonometry.      |
| MENSURATION .....               | Definitions, Mensuration of surfaces.                                                                                   | Definitions, Mensuration of Surfaces and Solids.                                                                                         |                                                                               |                                         |
| HISTORY .....                   | Outlines of English and Canadian History.                                                                               | Elements of Ancient and Modern History. English and Canadian History continued.                                                          | Outlines of History of Greece and Rome.                                       | Outlines of Modern History.             |
| GEOGRAPHY AND ASTRONOMY .....   | Political geography, products, &c., of principal countries of the world. Modern (Mathematical, Physical and Political). | Physical Geography of the continents generally. Ancient Geography.                                                                       | General review of subject. Use of Terrestrial Globes.                         | Outlines of Astronomy—Celestial Globe.  |
| NATURAL PHILOSOPHY.             | Nature and use of the mechanical powers.                                                                                | Composition and Resolution of Forces; Centre of Gravity; Moments of Force; Principle of Virtual Velocities and Hydrostatics (Tomlinson). | Pneumatics and Dynamics.                                                      | Elements of Electricity and Magnetism.‡ |
| CHEMISTRY AND AGRICULTURE ..... | Ryerson's Agriculture, Part I.                                                                                          | Text-book (Ryerson) completed.                                                                                                           | Elements of Chemistry.                                                        | Elements of Chemistry.                  |
| NATURAL HISTORY ..              | "How plants grow," (Gray).                                                                                              | Animal kingdom.                                                                                                                          | General review.                                                               |                                         |
| PHYSIOLOGY .....                |                                                                                                                         | Human Physiology (Cutter's).                                                                                                             |                                                                               |                                         |
| CHRISTIAN MORALS ..             | Christian Morals.                                                                                                       |                                                                                                                                          |                                                                               |                                         |
| ELEMENTS OF CIVIL GOVERNMENT.   |                                                                                                                         |                                                                                                                                          |                                                                               | "Elements of Civil Government."         |

\* Girls not in Geometry will take in Form I. Easy Lessons in Reasoning, Part I.

† Girls not in Geometry will take in Form II. Easy Lessons in Reasoning, Part II.

‡ The subjects of Electricity and Magnetism may be taken up earlier in the course, at the discretion of the Head Master.