

such as Charles Kingsley, is severely felt. Kingsley has left treasures in *Alton Locke*, *Hypatia*, and *Hereward, the Last of the Saxons*. Science has lost several passionate devotees. Claude Louis Mathieu no longer scans the stars, and helps to perfect astronomical researches. Phrenology will miss Samuel R. Wells, for so many years associated with Fowler in their investigations of the human head. Geographical pursuits engrossed the attention of Jean Frederic de Waldeck up to his death at the advanced age of 105 years. Geological science mourns the decease of two master-minds. The one, Sir Wm. Logan, belonged to our own Dominion, and has rendered to it incalculable service by his surveys, and his records of our vast mineral resources. The other, Sir Charles Lyell, was one of the foremost English geologists. His *Elements of Geology* are the best volumes extant on the subject. For his scientific labours he received the honour of Knighthood in 1848.

From the circle of *clergymen* many renowned men have passed. Bishop Richardson, of the M. E. Church, died full of years and honours. The anti-tobacco reform has lost the presence of George Trask, who inaugurated it. The Diocese of Kingston was in mourning over Edward John Horan, for years the successful bishop of that see. Dr. George B. Porteous was drowned while out on a fishing excursion. French Protestantism lost a gallant defender when Athanase Jose Coquerel passed away. The Rev. Charles G. Finney, one of the most noted Christian reformers and successful revivalists of this century, has left a vacancy in Oberlin which it will be hard to fill.

Death has been busy too among *rulers* and *politicians*. China lost her Emperor, the young and promising Tsai Shun. Ferdinand I. of Austria threw that nation into mourning. Andrew Johnson, the ex-President of the United States, was scarcely cold before Henry Wilson, the Vice-President and colleague of Grant, was borne away from Washington to his Northern burial plot. For transparency of life and honesty of purpose, the example of Henry Wilson will long remain. John Mitchel, the most restless spirit of the age, the great Irish Home Ruler, passed away close upon his election to the British Parliament. Sir Francis Bond Head, at one time Governor of Canada, and Lieutenant-Governor Crawford, of our own Ontario, have this year helped to swell the roll of death.

From business circles there have gone William B. Astor, the richest man on this continent; Isaac M. Singer, of sewing machine notoriety; William H. Aspinwall, and Darius Wells, the inventor of wood types. Of honourable women deceased, the chief have been Lady Jane Franklin, the relict of the Arctic explorer; Celia Barleigh, the genial authoress; Anita, the devoted wife of Garibaldi; and Mrs. Emily Bliss Gould, the great benefactress of suffering children. What seems a long list would have been incomplete without the mention of these philanthropic and large-hearted women.—*London Advertiser*.

IV. School Matters in Ontario.

1. THE REVISED PROGRAMME, AND THE REGULATIONS FOR THE APPORTIONMENT OF THE GRANT.

APPROVED BY HIS HONOR THE LIEUTENANT-GOVERNOR IN COUNCIL, JANUARY, 1876.

1. Revised Programme.

N.B.—Instead of a fixed amount of work for each Form, the Council prescribes the subjects of study, and the amount to be done in each subject in the Lower School and in the Upper School respectively; leaving it to the local authorities to decide (subject to the approval of the High School Inspectors) according to the varying circumstances of the Schools, the order in which the subjects shall be taken up, the amount of work to be done in a given time, and the number of classes to be carried on at once.

LOWER SCHOOL.

GROUP A.—*English Language*.—Review of Elementary Work: Orthography, Etymology and Syntax; Derivation of Words; Analysis of Sentences; Rendering of Poetry into Prose; Critical Reading of portions of the Works of Authors of the Eighteenth and Nineteenth Centuries, to be prescribed from time to time by the Council of Public Instruction; * Composition—the Framing of Sentences; Familiar and Business Letters; Abstracts of Readings or Lectures; Themes;—generally, the

Formation of a good English Style; Reading, Dictation, and Elocution, including the learning by heart and recitation of selected passages from Standard Authors.

GROUP B.—*Mathematics*.—(a) Arithmetic, Simple and Compound Rules; Vulgar and Decimal Fractions; Proportion; Per-cent-age in its various applications; Square Root.

(b) Algebra—Elementary Rules; Factoring; Greatest Common Measure; Least Common Multiple; Square Root; Fractions; Surds; Simple Equations of one, two, and three unknown quantities; Easy Quadratics.

(c) Geometry—Euclid, Books I. and II., with easy exercises; Application of Geometry to the Mensuration of Surfaces.

(d) Natural Philosophy—Composition and Resolution of Forces; Principle of Moments, Centre of Gravity; Mechanical Powers, Ratio of the Power to the Weight in each; Pressure of Liquids; Specific Gravity and Modes of determining it; the Barometer, Syphon, Common Pump, Forcing Pump and Air Pump.

GROUP C.—*Modern Languages*.—(a) French: The Accidence and Principal Rules of Syntax; Exercises; Introductory and Advanced French Reader; Re-translation of easy passages into French; Rudiments of Conversation.

(b) German: The Accidence and the Principal Rules of Syntax; Exercises; Adler's Reader, 1st, 2nd and 3rd Parts; Re-translation of easy passages into German; Rudiments of Conversation.

GROUP D.—*Ancient Languages*.—(a) Latin: The Accidence and the Principal Rules of Syntax and Prosody; Exercises; Cæsar, De Bello Gallico, Book I, and Virgil, *Æneid*, Book II, vv. 1—300; Learning by heart selected portions of Virgil; Re-translation into Latin of easy passages from Cæsar.

(b) Greek, optional.

GROUP E.—*Physical Sciences*.—Chemistry: A course of experiments to illustrate the nature of Fire, Air, Water, and such solid substances as Limestone, Coal, and Blue Vitriol; Hydrogen, Oxygen, Nitrogen, Carbon, Chlorine, Sulphur, Phosphorus, and their more important Compounds; Combining Proportions by weight and by volume; Symbols and Nomenclature.

GROUP F.—*History and Geography*.—(a) Leading Events of English and Canadian History, also of Roman History to the death of Nero.

(b) A fair course of Elementary Geography, Mathematical, Physical, and Political.

GROUP G.—*Book-keeping, Writing, Drawing and Music*.—(a) Single and Double Entry; Commercial forms and usages; Banking, Custom House, and General Business Transactions.

(b) Practice in Writing.

(c) Linear and Free-hand Drawing.

(d) Elements of Music.

☞ An option is permitted between (i.) Latin; (ii.) French; (iii.) German; and (iv.) Natural Philosophy, Chemistry, and Book-keeping.

UPPER SCHOOL.

GROUP A.—*English Language*.—Critical Reading of portions of the works of Authors of the Sixteenth and Seventeenth Centuries to be prescribed from time to time by the Council of Public Instruction; * Composition, Reading, and Elocution: the subject generally, as far as required for Senior Matriculation with Honours in the University.

GROUP B.—*Mathematics*.—Arithmetic: The Theory of the Subject; Application of Arithmetic to complicated business transactions; such as Loans, Mortgages, and the like.

(b) Algebra: Quadratic Equations, Proportion, Progression, Permutations and Combinations, Binomial Theorem, etc., as far as required for Senior Matriculation with Honours.

(c) Geometry: Euclid, Books I, II, III, IV, Definitions of Book V, Book VI, with exercises.

(d) Trigonometry, as far as required for Senior Matriculation with Honours.

(e) Natural Philosophy, Dynamics, Hydrostatics, and Pneumatics.

GROUP C.—*Modern Languages*.—(a) French: Grammar and Exercises; Voltaire, Charles XII, Books VI, VII, and VIII; Corneille, Horace, Acts I and II; De Stael, *L'Allemagne*, 1^{re} Partie; Voltaire, *Alzire*; Alfred de Vigny, *Cinq-Mars*; Translation from English into French; Conversation.

* For 1876, Gray's "Elegy" and Sir Walter Scott's "Lady of the Lake" have been prescribed. Candidates will be expected to show that they have read the whole of the latter poem, but the questions set will be based mainly on Cantos v. and vi.

* For 1876, Shakespeare's Tragedy of "Macbeth" and Milton's "Il Penseroso" have been prescribed. They have been ordered for the People's Depository.