

The syllabus of work is such as to—(1.) Supply thorough and systematic instruction in all subjects necessary to produce an intelligent agriculturist, special attention being given to the scientific and technical subjects underlying the practice of agriculture or horticulture. (2.) Provide practical work in all operations of the farm or of the garden. (3.) Give instruction in woodwork, farriery, and valuing; also in gathering, marketing, and storing of fruit and flowers. (4.) Supply instruction and practical training in poultry-keeping. (5.) Carry out experimental work, and keep careful records relating to farm-work and agricultural tests.

A report of the progress and conduct of each student is sent to parents or guardians at the close of each term. Cricket and football teams and a debating society are established in connection with the school. Each day is divided as follows: 5.45 a.m., first bell; 6 a.m., practical work; 7 a.m., lectures; 8 a.m., prayers and breakfast; 9 a.m. to 12 a.m., lectures; 12.30 p.m., dinner; 1.30 p.m. to 4 p.m., practical work; 5.30 p.m., tea; 7 p.m., preparation; 8.30 p.m., prayers and supper; 9.30 p.m., lights out.

*Theoretical Training and Work.*—With the exception of Wednesday, the whole of the mornings are given up to theoretical work, and the evenings to preparation. On Saturday there is no work after 11 a.m. Students are divided into three classes, according to ability. Class A consists of final-year students; Class B consists of second-year students; Class C consists of first-year students. The course of study will be best seen from the following time-table:—

*Time-table.—Autumn and Spring Terms.*

| Time.                    | Monday.           | Tuesday.                 | Wednesday.               | Thursday.         | Friday.               | Saturday.               |
|--------------------------|-------------------|--------------------------|--------------------------|-------------------|-----------------------|-------------------------|
| 7 to 8 a.m.<br>Class A   | Book-keeping      | Agricultural engineering | Agricultural engineering | Chemistry         | Surveying             | Agricultural chemistry. |
| " B                      | Algebra           | Algebra                  | Agriculture              | Agriculture       | Agriculture           | Book-keeping.           |
| " C                      | Agriculture       | Agriculture              | Arithmetic               | Arithmetic        | Book-keeping          | Arithmetic.             |
| 9 to 10 a.m.<br>Class A  | { Zoology }       | { Zoology }              | { Chemistry }            | { Zoology }       | ..                    | Examination.            |
| " B                      | { Zoology }       | { Zoology }              | { Practical work, }      | { Zoology }       | Agri. engineering     | "                       |
| " C                      | Euclid            | Euclid                   | { farm or garden }       | Surveying         | Algebra               | "                       |
| 10 to 11 a.m.<br>Class A | Botany            | Geology                  | Practical chemistry      | Botany            | Geology               | Veterinary, or          |
| " B                      | Chemistry         | Chemistry                | { Practical work, }      | Chemistry         | Chemistry             | Horticulture.           |
| " C                      | Mensuration       | Algebra                  | { farm or garden }       | Agriculture       | Drawing (geometrical) | "                       |
| 11 to 12 noon<br>Class A | Practical science | Practical science        | Practical chemistry      | Practical science | Practical science     | ..                      |
| " B                      | Surveying         | Euclid                   | { Practical work, }      | Plotting          | Drawing (geometrical) | ..                      |
| " C                      | Chemistry         | Chemistry                | { farm or garden }       | Chemistry         | Chemistry             | ..                      |

Horticulture: Wednesday, 11 a.m. to 12 noon; Friday, 9 a.m. to 10 a.m.; Saturday, 10 a.m. to 11 a.m.

**PRACTICAL WORK: Afternoons from 1.30 to 4 p.m.**

| Class.  | Monday.        | Tuesday.                    | Wednesday.     | Thursday.      | Friday.                                                           |
|---------|----------------|-----------------------------|----------------|----------------|-------------------------------------------------------------------|
| Class A | Chemistry      | Woodwork, or farm or garden | Surveying      | Farm or garden | { Machine drawing, 1.30 to 2.30 p.m.<br>Chemistry, 2.30 to 4 p.m. |
| " B     | Farm or garden | Woodwork, or farm or garden | Chemistry      | Surveying      | Farm or garden.                                                   |
| " C     | Surveying      | Chemistry                   | Farm or garden | Woodwork       | Farm or garden.                                                   |

*Practical Work.*—All the pupils are required to take up the practical work in the chemical laboratory and workshop, and to engage in the operations on the farm or in the garden, under proper superintendence. Each student is required to take part in every operation and kind of work presenting itself in the course of the year's farming. He will thus become thoroughly acquainted with the same, and be better able to undertake such work himself. Each student keeps a diary of his daily work, and of the operations on the farm and garden. Careful provision is made for instruction in dairy-work. Experiments on the merits and effects of manures, feeding-stuffs, various kinds of crops, roots, seeds, clovers, and grasses are carried out, the results of which are published and circulated.

*Gardening and Horticulture.*—Pupils desirous of following the occupation of horticulture obtain their practical training mainly in the garden instead of the farm. Instruction and practice are provided in the planting and cultivation of the various kinds of fruit-trees—budding, grafting, pruning, storing, marketing, &c. Careful attention is given to the management of the greenhouse, growth of grapes, tomatoes, peaches, strawberries, mushrooms, cucumbers, flowers, bulbs, ferns, &c., and the making-up of flowers for the market. In order to place the school in immediate contact with the elementary schools, pupils are admitted at the age of thirteen years and upwards, thus allowing no break to occur in their education. An entrance examination is provided.

*Syllabus.—Agriculture and Agricultural Chemistry.*—Plant life. Soils: Formation, composition, and properties; methods of cultivation; implements; draining, liming, &c. Manures. Crops: Systems of rotation; harvesting, storing, marketing; clovers and grasses. Stock: Animal