

*Girls.*—The course of study in the elementary course for girls is the same as for boys, with the substitution of domestic-economy subjects for workshop instruction. In the advanced course hygiene and physiology and art subjects may be substituted for mechanics and physics.

After passing through the elementary and advanced courses, students are allowed to confine their studies to science or technical subjects.

*School Rules.*—Admission to the school is limited to boys and girls who have obtained entrance scholarships from a public elementary school, or who have passed, or are able to pass, the Sixth Standard of the Educational Code or its equivalent, or who shall exhibit such exceptional knowledge as shall warrant the governing body in assuming that they will be able to profit by the advanced education offered. All applicants for admission to the school, except those holding scholarships, are required to pass an entrance examination. The Governors are very anxious that the discipline and moral tone of the school shall be of the highest possible character, and every student must render obedience to all the school rules. The principal is empowered by the Governors to expel any boy or girl whose continuance in the school shall be deemed by him to be detrimental to its welfare. Every student is required to do from one to one and a half hours' home-work each evening. Books and materials will be provided for that purpose, subject to parents being responsible for their proper treatment and return. The Polytechnic provides all necessary books and other materials free of cost, except for needlework and dressmaking, but everything must remain the property of the Polytechnic. Parents are required to give a guarantee to pay for any damage or loss to buildings, apparatus, or materials caused by the carelessness of the student, and they will be informed when materials are issued to the students. Students are supplied with sufficient books for the work of the term, and if these are used wastefully they will be required to provide others. Every student must be provided with aprons for use in the workshops, cookery school, and chemical laboratory, and with proper shoes for use in the gymnasium. Girls must bring their own materials for needlework and dressmaking, which must be selected in accordance with directions given by the teacher. Boys are allowed to take away, at the end of each term, certain of the work done by them in the workshops upon payment of the cost of the materials used. No student may join evening classes without the permission of the principal. Every boy must wear the school cap, which may be obtained at the office, price 1s.

The charge for each student is £1 per term, or 10s. per half-term, payable to the secretary in advance. This fee includes all books and materials, except for needlework and dressmaking.

#### BATTERSEA POLYTECHNIC TECHNICAL DAY SCHOOL.

This school is another form of continuation school, and is intended for boys who have passed through an elementary school and desire to receive special instruction in technical subjects required for work in the building, electrical, and mechanical trades. The work of the school is not intended to replace apprenticeship or workshop training, but as a useful preparation for future work. Another useful provision is that any of the classes are open to apprentices and lads engaged in the industries named whose employers grant leave of absence to attend the school upon certain half-days.

The course of work is as follows (per week): Applied mechanics, steam- and heat-engines, with laboratory-work, four hours; technical arithmetic, mensuration, and mathematics, four hours; practical geometry, and machine construction and drawing, six hours; physics, including heat, and electricity and magnetism, with laboratory-work, three to six hours; electrical engineering, with laboratory-work, three to six hours; building construction and drawing, three to six hours; workshop practice, wood or metal, nine to twelve hours. Hours of attendance are 9.30 to 12.30 and 2 to 5. Fee for full course, £1 per term of about thirteen weeks. Fees for occasional students (per term): Subjects with laboratory-work, three hours per week, 5s.; mensuration, mathematics, and drawing classes, three to four hours per week, 4s.; workshop practice, half-day weekly, 4s.; one day, 6s.; one and a half days, 9s.; two days, 12s. These fees entitle the student to the use of drawing-boards and tee-squares, and of tools and apparatus, and the provision of materials for laboratory and workshop classes. Students provide their own instruments, paper, text-books, &c. At the end of the term students are permitted to take away work done by them in the workshops upon payment of the cost of materials. Leaving-certificates are granted to students at the end of their course, which will record the character of the work done, and the progress made, and the examinations passed, if any.

#### MANCHESTER BOYS' COMMERCIAL AND MANUAL TRAINING SCHOOL.

This school is also an excellent example of the work done in the direction of intermediate study. The main purposes of the school are described as the harmonious development of a boy's whole faculties by means of a systematic and progressive course of intellectual and manual training, which has for its express object the cultivation of the powers of observation and the formation of habits of accuracy and painstaking effort. The school has no narrow aims; languages and literature, mathematics, elementary science, drawing, and business training receive due and proportionate attention, and the pupil acquires by the daily use of tools a real knowledge and experience of processes and materials which cannot but be of the greatest value to him. The course of study adopted is found to create a higher sense in the boys of the value and dignity of labour, and the worth of clever workmen. At any rate, it supplies during school years the stimulus of a healthy occupation, and cultivates, through the constant practice of working to drawings and exact measurements, habits of precision, method, and careful work.

The course of instruction is as follows: First year—language and literature, geography and history, five hours per week; higher rules of arithmetic and mathematics, four hours per week; writing, shorthand, and drawing, nine hours per week; elementary science, six hours per week; manual instruction, six hours per week. The fees are £2 2s. per term, or £6 per year. Other conditions are similar to those of the schools of London, Liverpool, and Birmingham.