

In Table E similar details are given in regard to technical-high-school courses for boys intending to become builders or building tradesmen. Schools A, B, D are large city schools, while C is a school in a thriving country town.

In Table F agricultural courses are shown for four schools, A being a rural technical high school specializing in agriculture, though offering also a general course for boys and girls, a commercial course, and a domestic course for girls. In this school the prescriptions followed in the several branches of agricultural instruction are highly specialized, very practical, and well illustrated by work on the school farm, which is sufficiently large to enable practical work in animal husbandry to be done and observed, as well as the ordinary operations of cropping and agriculture. There is no set time for work on the farm, except for such routine operations as are carried on by the boys outside ordinary school hours. A large part of the class-work in animal husbandry and agriculture is conducted in the field, but the boys do not, in general, spend short periods of school-time in actual farm operations. One or two boys at a time may have a day off school to work on the farm, with the instructor or with the farm-manager. By adopting suitable class-room methods this can be done without interfering with the progress of the pupils in their classes. The work of the laboratory and class-room is in this way very closely interwoven with the field-work.

In school B, also in a country district, all the boys take some agricultural science, but some take more practical work in the first two years, though after the second year the course is directed towards satisfying the requirements of the Matriculation Examination, as indicated in Table C for school C.

In school C, Table F, which is a large city school, excellent laboratories and workshops are available, but the school lacks facilities for practical agriculture and field-work. The course is, however, attended largely by boys living on small farms in the suburban areas.

School D, in a country town in the centre of a dairying district, offers a two-years course, which is taken mainly by boys coming in from the surrounding dairy-farms. The school has no farm, and is unable, therefore, to deal adequately with subjects easily provided for in school A of Table F. The course, however, is very practical, and is becoming very popular with the sons of dairy-farmers. What the school sets out to do in this course is to give the boys some instruction in dairy science and in farm book-keeping, and some training in woodwork and metalwork. It differs from school C mainly in that it does not give any instruction in agriculture.

For boys living on farms, and able, therefore, to correlate their school-work with their farming experience the courses in schools B, C, and D possess considerable value, and are certainly preferable for many of these boys to a more general type of education. For the town boy who wishes to become a farmer the most suitable course is that offered by school A, which provides in its hostel and on its farm a thorough going farm atmosphere, and in its specialized courses very practical instruction, demonstrated on the farm itself, in the application of science to agriculture and husbandry.

TABLE C.—TECHNICAL HIGH SCHOOLS: GENERAL COURSE LEADING TO MATRICULATION AND ENGINEERING PRELIMINARY.

School	A.			B.			C.				
Year of course	1.	2.	3 and 4.	1.	2.	3 and 4.	1.	2.	3.	4.	5.
SUBJECTS.	Hours per Week	Hours per Week	Hours per Week	Hours per Week	Hours per Week	Hours per Week	Hours per Week	Hours per Week	Hours per Week	Hours per Week	Hours per Week
English	4.75	3.5	4.5	3.75	3.75	5.25	3.5	4.5	4.5	6.0	4.5
History and civics ..	1.5	2.75	3.75	2.25	2.25	..	1.5	2.5	3.0	1.25	3.5
Geography	..	..	..	..	..	..	1.25	1.5	1.5	1.5	..
French	5.0	3.5	3.5	3.75	3.75	4.5	3.5	3.5	4.5	4.25	3.75
Latin	..	..	..	..	..	..	3.0	3.75	..	3.0	1.75
Arithmetic	2.75	2.5	2.5	0.75	2.25	1.5	} 4.5	5.5	5.5	4.75	6.5
Algebra	2.75	2.5	2.75	3.0	2.25	2.0					
Geometry	1.25	1.5	2.5	3.0	2.25	2.0					
Trigonometry.. ..	..	..	..	..	..	2.0					
Science	..	..	..	..	..	..	2.5	2.0	0.75	2.5	..
Physics	2.75	2.5	4.5	4.5	4.5	4.5	..	..	..	..	2.0
Agriculture (boys) ..	..	..	..	..	..	..	2.25	2.5	2.0	3.0	2.75
Home Science (girls) ..	..	..	..	..	..	..	2.25	2.5	2.0	3.0	2.75
Drawing—											
Free	..	..	..	0.75	0.75	0.75	1.5	1.5	2.5	1.5	1.25
Instrumental	2.75	2.5	3.0	0.75	0.75	1.5	..	..	..	..	..
Applied design	..	1.5	..	..	..	..	..	..	..	..	..
Cookery (girls)	..	..	..	..	..	..	1.5	..	..	..	..
Woodwork (boys)	..	..	..	..	..	..	1.5	..	..	..	..
Metalwork	3.0	3.75	..	1.5	1.5	..	..	..	..	..	..
Handwork (boys)	..	..	..	..	..	..	..	..	1.5	..	..
Hygiene (girls)	..	..	..	..	..	..	..	..	1.5	..	..
Drill	2.0	2.0	1.5	2.0	2.0	2.0	..	..	..	..	..
Sports and games	..	..	..	2.25	2.25	2.25	..	..	..	..	..
Totals, school week	28.5	28.5	28.5	28.25	28.25	28.25	..	..	..	..	..