

An analysis of the hours per week devoted to the several subjects in the various courses offered in technical high schools reveals that in the larger town centres where the equipment is available the time given to practical work and generally to the more specialized subjects of a course is much greater. This is probably partly due also to the larger numbers in each course permitting of better classification and separation of years and courses for general subjects as well as for the special subjects.

The subjoined tables give some indication of the average distribution of the time of the pupils over the various subjects. The first table is a summary of the units (a unit being one hour per week for one year) given in the first two years in the average courses at the two types of technical high school, Group I consisting of the larger town schools.

The figures in Tables D to K inclusive give the hours per week or units per year given to the respective subjects.

TABLE D.

Course.				Number in each 100 Girls or 100 Boys who take the Course.		Literary Subjects. Units in First Two Years.		Commercial Subjects. Units in First Two Years.		Science and Mathematics. Units in First Two Years.		Practical Work, Arts and Crafts. Units in First Two Years.	
Group	..	..	..	I.	II.	I.	II.	I.	II.	I.	II.	I.	II.
Agriculture—Boys	..	..	..	5.1	20.3	11.2	12.5	3.2	3.3	19.9	20.5	15.3	9.2
Art—Boys	}	..	..	1.0	..	9.0	..	..	..	9.2	..	33.4	..
Girls		..	..	..	..	..	..	..	..	..	..	..	..
Commercial—Boys	..	..	..	19.1	13.3	..	..	..	..	..	..	..	..
Girls	..	..	..	62.3	41.7	11.3	18.4	22.0	17.5	10.8	10.0	7.1	3.8
Domestic—Girls	..	..	..	34.5	23.9	10.3	17.8	0.9	2.6	11.7	16.6	26.8	12.9
General—Boys	..	..	..	..	54.0	..	28.1	..	..	..	20.2	..	{ 4.0 3.1
Girls	..	..	..	..	34.4								
Industrial—Boys	..	..	..	68.4	12.4	10.5	5.3*	..	..	{ 18.1 M* 18.5 E 16.3 B	9.1†	{ 20.4 M 20.4 E 23.4 B	9.6†

* M = mechanical engineering ; E = electrical work ; B = carpentry, building, &c.

† First year only.

TABLE E.—AGRICULTURAL COURSE.

—		English.		History, Civics.		Geography.		Book- keeping.		Arithmetic, Mathe- matics.		Natural Science.		Field-work.		Drawing.		Woodwork.		Metal- work.	
Group	..	I.	II.	I.	II.	I.	II.	I.	II.	I.	II.	I.	II.	I.	II.	I.	II.	I.	II.	I.	II.
First year	..	4.0	4.2	1.0	1.7	..	1.1	1.5	1.9	3.4	4.6	7.4	5.0	2.7	1.1	..	1.2	2.0	2.3	2.2	..
Second and third years	..	3.5	4.1	1.6	0.6	..	0.8	1.7	1.4	3.1	4.8	6.0	6.1	2.7	1.2	1.0	1.2	2.1	2.2	2.6	..
Total units, three years	..	11.0	12.4	4.2	2.9	..	2.7	4.9	4.7	9.6	14.2	19.4	17.2	8.1	3.5	2.0	3.6	6.2	6.7	7.4	..

NOTES.—One school in Group II adds 11 units of French in the three years. Town schools emphasize metal-work and practical work on plots ; country schools pay more attention to geography and mathematics. In other respects the courses are similar.

TABLE F.—ART COURSE.

—		English.		History, Civics.		Arithmetic.		Science.		Cookery, Dressmaking.		Art.	
First and second year	..	3	..	1.5	..	3	..	1.6	..	1.7	..	15	..

NOTES.—This course is given only in two technical high schools. Schools of Art have similar courses, omitting, however, cookery and dressmaking, but including needlecraft for girls and corresponding crafts for boys.

TABLE G.—COMMERCIAL COURSE.

—		English.		History, Geography.		French.		Arithmetic, Mathe- matics.		Science, Hygiene, &c.		Shorthand.		Typing.		Correspon- dence and Book- keeping.		Drawing.		Needle- work.		Cookery.	
Group	..	I.	II.	I.	II.	I.	II.	I.	II.	I.	II.	I.	II.	I.	II.	I.	II.	I.	II.	I.	II.	I.	II.
First year..	..	2.9	4.1	2.3	3.4	..	..	1.9	3.1	2.8	3.0	2.5	3.4	2.6	3.2	3.9	3.4	1.5	1.3	0.8	0.4	1.1	0.5
Second year	..	3.1	3.7	3.0	3.5	..	..	1.7	3.4	2.6	1.3	2.1	4.7	2.7	3.3	2.7	3.5	3.8	1.5	1.0	0.9	0.6	1.3
Third year	..	4.0	3.3	0.6	3.9	..	..	2.1	1.5	1.9	1.2	1.6	4.5	3.3	4.0	3.4	5.9	4.1	1.9	0.8	1.7	0.5	..
Total units, three years	..	10.0	11.1	5.6	10.9	..	..	5.7	8.1	7.3	5.5	6.2	12.6	8.6	9.5	8.4	13.3	11.3	4.9	3.1	3.4	1.5	2.4

NOTES.—The table applies to girls only. In schools of both groups boys learn woodwork instead of domestic subjects. In country schools the boys learn shorthand and typing, but in town schools they do not, but give more time to mathematics and science instead. There are few third-year boys. Three of the six country schools give about four hours a week to French.