

DRAWING.

Copying, Lettering, Model drawing.
Descriptive Geometry.

MODERN LANGUAGES.

French.
German.

CHEMISTRY.

Elementary Chemistry.
Laboratory Work.

II. YEAR.

MATHEMATICS.

Differential and Integral Calculus.
Spherical Trigonometry.

PHYSICS.

Hydrostatics.
Optics.
Electrical Measurements.

EXPERIMENTAL PHYSICS.

Heat: Specific Heat. Latent Heat.
Expansion of Air. Air Thermometer.
Electricity and Magnetism.
Calculation of Elements of Terrestrial Magnetism.
Declination, Dip and Horizontal Intensity.
Tangent Galvanometer.
Use of Voltmeter.
Use of Deprez and Thomson Galvanometers.

MODERN LANGUAGES.

French.
German.

MINERALOGY AND GEOLOGY.

Elementary Mineralogy and Blowpipe Practice.
Physical Geography, Palæontology and Geology.