

up material collected by themselves, will have every facility placed at their disposal.

Students have access to the museum of Queen's University, which contains a large number of specimens illustrative of the geology of Canada, as well as to the collections of the school.

Advice concerning field work in geology during the summer vacation will be given by the professor.

Students are advised to procure copies of some of the textbooks, and to gain some acquaintance with them during the long vacation preceding the beginning of the session in October.

*Second Year.*

GEOLOGY.

Before taking this class students must have passed in elementary mineralogy and in junior chemistry.

The object of this course is to give a general knowledge of the subject as an introduction to the work of the third and fourth years.

The following themes will be treated of in the lectures:—

The planetary relations of the earth ; the atmosphere ; waters ; solid crust ; probable nature of the earth's interior ; rocks, their general megascopic and microscopic characters and classification ; volcanic action ; earthquakes ; upheaval ; subsidence ; geological effects produced by heat, air, water and life ; bosses ; dykes ; veins ; stratification ; dip ; strike ; anticline and syncline ; faults ; foliation ; nature and uses of fossils ; stratigraphical geology ; outline of the geological history of the globe, etc.

The lectures are illustrated by means of maps, diagrams, and lantern views.

The laboratory work will consist of the examination of typical specimens of the different groups of fossil plants and animals, and of hand specimens of the more common rocks.

During the months of October and November excursions will be made to places of geological interest in the vicinity of Kingston.

Students are expected to take part in all these excursions. The cost will not exceed five dollars. Each student should provide himself with a suitable hammer, specimen bag and note-book.