

COURSE IN ELEMENTARY SCIENCE

ZOOLOGY

GENERAL SCOPE OF THE WORK

Indoor Study of Living Animals: The teacher's immediate responsibility lies in the laboratory work which embodies simple morphological studies of common forms, representing the chief animal types. These studies must, wherever possible, be supplemented or preceded by observation on living specimens. For this purpose, provision will be needed for suitable aquaria and vivaria, where the moving, breathing, and feeding of the living animals may be within ready view of the pupils. Moreover, these morphological studies are not to end in the study of form; behind the observation of the form there must be a constant effort to interpret the meaning of the form, to show the relation of form and function.

Charts and models are not to be substituted for actual specimens.

Outdoor work: This will of necessity vary with the locality and must be carried on to a very large extent without the teacher's direct supervision. But the teacher should encourage and direct the pupils, devoting a fair portion of the time of the class to discussions and reports on their independent work. Arrangements should be made for field excursions on suitable occasions.

School Museum: For progress in the natural history side of the subject, the equipment detailed on pages 26-32, 71, etc., should be provided. The school museum should be a thing of gradual growth, and great care should be taken in the selection of the material.