Teaching the Elementary Course in Bacteriology

R. E. Buchanan

Iowa State College

Copyright © Copyright 1925 by the Iowa Academy of Science, Inc.
Follow this and additional works at: https://scholarworks.uni.edu/pias

Recommended Citation
Available at: https://scholarworks.uni.edu/pias/vol32/iss1/18

This Research is brought to you for free and open access by the Iowa Academy of Science at UNI ScholarWorks. It has been accepted for inclusion in Proceedings of the Iowa Academy of Science by an authorized editor of UNI ScholarWorks. For more information, please contact scholarworks@uni.edu.
TEACHING THE ELEMENTARY COURSE IN BACTERIOLOGY

R. E. Buchanan

(ABSTRACT)

1. The objectives to be emphasized in courses in bacteriology in the probable order of importance for the elementary course are:
   a. Vocational Practical Utilization in vocation.
   b. Health. With some student groups rank first.
   d. Avocationa. Of minor importance in bacteriology in most cases.

2. The course should be adapted to the type of student. The content and plane of teaching will be determined by this type. The bases for groupings are:
   a. Vocational objective.
   b. Preparation and prerequisites.
   c. Intelligence and ability.

3. Correlation of laboratory and class work.

4. Selection of texts and assigned readings.

5. Class work and laboratory content and conduct.
   a. Importance of dividing work into short, definite sections.
   b. Importance of establishing minimum bases of accomplishment.
   c. Importance of recognition of students for exceptional ability.
   d. Importance of eliminating unnecessary teacher routine.
   e. Importance of efficiency in instruction.

IOWA STATE COLLEGE.