



Yale-New Haven
Teachers Institute®

Curriculum Units by Fellows of the Yale-New Haven Teachers Institute
1989 Volume VII: Electricity

Teaching Electricity to Middle School Students

Guide for Curriculum Unit 89.07.01
by Laura Spierri

This unit on teaching electricity to middle school students is meant to be a self contained introduction to electricity for fourth through seventh graders. It develops out of the vocabulary and experiences that children have had and uses analogies, demonstrations and experiments to teach concepts and the design of simple series and parallel circuits. I designed this unit 1) so that teachers would be able to give more accurate and detailed answers to questions that children naturally ask when they deal with this material in grade level texts, and 2) to enable children to learn the basics of electronics so that they could design science projects independently.

(Recommended for Science classes, grades 4-7)

Key Words

History Science Electricity Electrical Mathematics Science

<https://teachersinstitute.yale.edu>

©2019 by the Yale-New Haven Teachers Institute, Yale University

For terms of use visit <https://teachersinstitute.yale.edu/terms>