



Electrical Safety World (Grades 4-6)

North Carolina Educational Standards

Electrical Safety World fulfills many of the North Carolina Standard Course of Study and Grade Level Competencies for Healthful Living and Science. These standards are met through a variety of content, including features, assessments, activities, checklists, and hands-on investigations. This activity book supports the following Competency Goals and Objectives.

GRADES 4-6 HEALTHFUL LIVING COMPETENCY GOALS

Grades 4-6 Competency Goal 2: The learner will develop knowledge and skills to enhance personal and consumer health.

Grade Level Healthful Living Objectives

Grade 5

Objective 2.07: Correctly apply basic first aid for common conditions.

GRADES 4-6 SCIENCE COMPETENCY GOALS

Grade 4 Competency Goal 3: The learner will make observations and conduct investigations to build an understanding of magnetism and electricity.

Grade 6 Competency Goal 6: The learner will conduct investigations and examine models and devices to build an understanding of the characteristics of energy transfer and/or transformation.

Grade Level Science Objectives

Grade 4

Objective 3.03: Design and test an electric circuit as a closed pathway including an energy source, energy conductor, and an energy receiver.

Objective 3.06: Describe and identify materials that are conductors and non-conductors of electricity.

Objective 3.09: Recognize lightning as an electrical discharge and show proper safety behavior when lightning occurs.

Grade 6

Objective 6.04: Evaluate data for qualitative and quantitative relationships associated with energy transfer and/or transformation.