



It's a Wired World (*Grades 4-6*) **North Carolina Educational Standards**

It's a Wired World fulfills many of the North Carolina academic content standards for science and health education. These standards are met through a variety of features, assessments, activities, checklists, and hands-on investigations.

SCIENCE STANDARDS

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

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 nonconductors of electricity.

Objective 3.08 Observe and investigate the ability of electric circuits to produce light, heat, sound, and magnetic effects.

Grade 6 Competency Goal 1. The learner will design and conduct investigations to demonstrate an understanding of scientific inquiry.

Objective 1.05. Analyze evidence to explain observations, make inferences and predictions, and develop the relationship between evidence and explanation.

HEALTH STANDARDS

Grades K-4

NPH-H.K-4.3 Reducing Health Risks

Students will demonstrate the ability to practice health-enhancing behaviors and reduce health risks.

Compare behaviors that are safe to those that are risky or harmful.

Develop injury prevention and management strategies for personal health.

Demonstrate ways to avoid and reduce threatening situations.

NPH-H.K-4.6 Setting Goals for Good Health

Students will demonstrate the ability to use goal-setting and decision-making skills to enhance health.

Explain when to ask for assistance in making health-related decisions and setting health goals.

Grades 5-8

NPH-H.5-8.3 Students will demonstrate the ability to practice health-enhancing behaviors and reduce health risks.

Demonstrate strategies to improve or maintain personal and family health

Develop injury prevention & management strategies for personal & family health.

Demonstrate ways to avoid and reduce threatening situations.