



# **Leaf Pack Network**

## **New Jersey State Standards, Grade 12**

Leaf Pack Network<sup>®</sup> curriculum meets the following New Jersey State Standards for grade 12.

### **Standard 5.1 Scientific Processes**

All students will develop problem solving, decision-making, and inquiry skills, reflected by formulating usable questions and hypotheses, planning experiments, conducting systematic observations, interpreting and analyzing data, drawing conclusions, and communicating results.

- A. Habits of Mind
- B. Inquiry and Problem Solving
- C. Safety

### **Standard 5.2 Science and Society**

All students will develop an understanding of how people of various cultures have contributed to the advancement of science and technology, and how major discoveries and events have advanced science and technology.

- A. Cultural Contributions
- B. Historical Perspectives

### **Standard 5.3 Mathematical Applications**

All students will integrate mathematics as a tool for problem-solving in science, and as a means of expressing and/or modeling scientific theories.

- C. Patterns and Algebra

## **Standard 5.4 Nature and Process of Technology**

All students will understand the interrelationships between science and technology and develop a conceptual understanding of the nature and process of technology.

A. Science and Technology

B. Nature and Technology

## **Standard 5.8 Earth Science**

All students will gain an understanding of the structure, dynamics, and geophysical systems of the earth.

D. How We Study the Earth

## **Standard 5.10 Environmental Studies**

All students will develop an understanding of the environment as a system of interdependent components affected by human activity and natural phenomena.

A. Natural Systems and Interactions

B. Human Interactions and Impact



The Leaf Pack Network is an initiative of Stroud™ Water Research Center. The Stroud Center seeks to advance knowledge and stewardship of freshwater systems through global research, education, and watershed restoration. Learn more at [www.stroudcenter.org](http://www.stroudcenter.org)