National Education Standards

For more detailed correlations of this *Natural Inquirer* Monograph to National Education Standards, visit the *Natural Inquirer* website (http://www.naturalinquirer.org).

**National Science Education Standards Addressed in This Article**

- Abilities Necessary to Do Scientific Inquiry
- Understandings About Scientific Inquiry
- Reproduction and Heredity
- Regulation and Behavior
- Populations and Ecosystems
- Understandings About Science and Technology
- Natural Hazards
- Science and Technology in Society
- Science as a Human Endeavor
- Nature of Science
- History of Science

**Social Studies Education Standards Addressed in This Article**

- Culture
- Time, Continuity, and Change
- People, Places, and Environments
- Individuals, Groups, and Institutions
- Power, Authority, and Governance
- Science, Technology, and Society
- Global Connections

**Common Core Education Standards Addressed in This Article**

- Key Ideas and Details
  - CCSS.ELA-Literacy.RST.6-8.1
  - CCSS.ELA-Literacy.RST.6-8.2
  - CCSS.ELA-Literacy.RST.6-8.3
- Craft and Structure
  - CCSS.ELA-Literacy.RST.6-8.4
  - CCSS.ELA-Literacy.RST.6-8.5
  - CCSS.ELA-Literacy.RST.6-8.6
- Integration of Knowledge and Ideas
  - CCSS.ELA-Literacy.RST.6-8.7
  - CCSS.ELA-Literacy.RST.6-8.8
  - CCSS.ELA-Literacy.RST.6-8.9

**Next Generation Science Standards Addressed in This Article**

- Science and Engineering Practices
  - Asking Questions and Defining Problems
  - Planning and Carrying Out Investigations
  - Analyzing and Interpreting Data
  - Developing and Using Models
  - Constructing Explanations and Designing Solutions
  - Engaging in Argument From Evidence
  - Using Mathematics and Computational Thinking
  - Obtaining, Evaluating, and Communicating Information
- Disciplinary Core Ideas
  - Earth and Space Science: ESS3.B Natural Hazards; ESS3.C Human Impacts on Earth Systems
  - Nature of Science: Scientific Investigations Use a Variety of Methods; Scientific Knowledge Is Based on Empirical Evidence; Scientific Knowledge Is Open to Revision in Light of New Evidence; Science Models, Laws, Mechanisms, and Theories Explain Natural Phenomena
- Crosscutting Concepts
  - Patterns
  - Cause and Effect: Mechanism and Prediction
  - Scale, Proportion, and Quantity
  - Systems and Systems Models
  - Structure and Function
  - Stability and Change