

National Education Standards

(A generic Common Core State Standards alignment for the *Natural Inquirer* can be found on the “Education Standards” page under “Educational Resources” on this Web site.)

The Golden Egg

National Science Education Standards Addressed in This Article

National Science Education Standard	Where and How the Standard Is Addressed
Abilities necessary to do scientific inquiry	Reflection Sections: Thinking critically, summarizing, and evaluating material students have read; Number Crunches: Using mathematics in all aspects of scientific inquiry. FACTivity: Thinking critically and evaluating possibilities to determine placement of hiking trails in a park that has golden eagle nesting sites.
Understandings about scientific inquiry	Thinking About Science, Introduction, Methods, Findings, and Discussion: Scientists use models to figure out how to maximize the amount of hiking in Denali National Park, while at the same time preserving golden eagle nesting sites.
Reproduction and heredity	Thinking About Science, Introduction, and Methods: Reproduction is a characteristic of all living things; in this case, golden eagles.
Regulation and behavior	Thinking about the Environment, Introduction, Methods, Findings, and Discussion: Golden eagles must be able to obtain and use resources, grow, reproduce, and adapt.
Populations and ecosystems	Entire article: Populations of golden eagles and how they interact with human populations.
Diversity and adaptations of organisms	Introduction and Methods: Behavior and adaptations of the golden eagle.
Populations, resources, and environments	Thinking About the Environment: Possible impact of humans on the environment.
Natural hazards	Introduction: Possibility of human activities inducing hazards through hiking near golden eagle nests, which may accelerate natural changes.
Science and technology in society	Meet the Scientists: Science and technology advance through contributions of many different people; Entire article: How science and technology are used to help solve problems.
Science as a human endeavor	Meet the Scientists: Shows a variety of scientists and what they love about science.
Nature of science	Methods and Findings: Mathematical modeling, observations, explanations, and experiments.

Social Studies Education Standards Addressed in This Article

National Curriculum Standards for Social Studies	How and Where the Standard Is Addressed
People, places, and environments	Thinking About the Environment, Introduction, Findings: The effect of park visitors on wildlife.
Power, authority, and governance	Thinking About the Environment: The Organic Act created the National Park Service; Introduction: Managers take action to protect wildlife; figure 3: Federal laws protect the golden eagle.
Science, technology, and society	Methods: The use of scientific modeling to solve societal problems, such as the declining red knot population.