



### **Nature of Science and Engineering Standard**

Scientific Inquiry uses multiple interrelated processes to investigate questions and propose explanations about the natural world.

#### **Benchmark 7.1.1.2.4**

Evaluate explanations proposed by others by examining and comparing evidence, identifying faulty reasoning, and suggesting alternative explanations.

### **Life Science Standard**

Natural systems include a variety of organisms that interact with one another in several ways.

#### **Benchmark 7.4.2.1.3**

Explain how the number of populations an ecosystem can support depends on the biotic resources available as well as abiotic factors such as amount of light and water, temperature range and soil composition.