

## **Secrets of Seeds**

### **Grade Levels: 1-2 & 3-4**

How are animals, catapulting, and the forces of wind, water and gravity linked to seeds? Students explore this and other questions during our investigations of seeds. Students examine how seeds are formed, identify the parts of a seed that grow into a new plant, and inspect selected seed bearing structures to look for evidence of how the seeds travel.

### **Next Generation Science Standards Addressed:**

#### **First Grade**

1-LS1.A Structure and Function Plants have different parts (roots, stems, leaves, flowers, fruits) that help them survive and grow.

1-LS1.B Growth and Development of Organisms Adult plants and animals can have young.

#### **Second Grade**

2-LS2.A Interdependent Relationships in Ecosystems Plants depend on water and light to grow. Plants depend on animals for pollination or to move their seeds around.

#### **Third Grade**

3-LS1.B Reproduction is essential to the continued existence of every kind of organism. Plants and animals have unique and diverse life cycles.

#### **Fourth Grade**

4-LS1.A Structure and Function Plants and animals have both internal and external structures that serve various functions in growth, survival, behavior, and reproduction.

4-LS1.B Reproduction is essential to the continued existence of every kind of organism. Plants and animals have unique and diverse life cycles.