

Seed Dispersal

K-3 NGSS Performance Expectations and Standards

K-PS2-1 Motion and Stability: Forces and Interactions

Plan and conduct an investigation to compare the effects of different strengths or different directions of pushes and pulls on the motion of an object.

K-LS1-1. Use observations to describe patterns of what plants and animals (including humans) need to survive

K-ESS3-1. Use a model to represent the relationship between the needs of different plants or animals (including humans) and the places they live.

1-LS3-1 Heredity: Inheritance and Variation of Traits

Make observations to construct an evidence-based account that young plants and animals are like, but not exactly like, their parents.

2-LS2-2 Ecosystems: Interactions, Energy, and Dynamics

Develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants.*

2-LS4-1 Biological Evolution: Unity and Diversity

Make observations of plants and animals to compare the diversity of life in different habitats.

2-PS1-1 Matter and Its Interactions

Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties.

3-LS1-1 From molecules to Organisms: Structures and Processes

Develop models to describe that organisms have unique and diverse life cycles but all have in common birth, growth, reproduction, and death.

3-LS3-1 Heredity: Inheritance and Variation of Traits

Analyze and interpret data to provide evidence that plants and animals have traits inherited from parents and that variation of these traits exists in a group of similar organisms.

Common Core Standards

Reading Foundational Skills supported through reading associated with this lesson.

Reading Informational Text achieved through readings associated with this lesson.

The Arts Standards

(VA:Cr1.1.K) Engage in exploration and imaginative play with materials.

(VA:Cr2.1.K) Through experimentation, build skills in various media and approaches...

(VA:Cr2.3.K) Create art that represents natural and constructed environments.

(VA:Cr1.2.1) Use observation and investigation in preparation for making a work of art.

(VA:Cr2.1.1) Explore uses of materials and tools to create works of art or design.

(VA:Cn10.1.1) Identify times, places, and reasons by which students make art outside of school.

(VA:Cr1.2.2) Make art or design with various materials and tools to explore personal interests, questions, and curiosity.

(VA:Cr2.1.2) Experiment with various materials and tools to explore personal interests in a work of art or design.

(VA:Cr2.1.3) Create personally satisfying artwork, using a variety of artistic processes and materials.