

Applicable standards

Next Generation Science Standards (NGSS)

Grade 2 Science and Engineering			
Element of the curriculum	1	Lessons 2	3
Structure and Properties of Matter			
<ul style="list-style-type: none"> 2-PS1-1: Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties. 	✓		
<ul style="list-style-type: none"> 2-PS1-2: Analyze data obtained from testing different materials to determine which materials have the properties that are best suited for an intended purpose. 	✓		
Interdependent Relationships in Ecosystems			
<ul style="list-style-type: none"> 2-LS4-1: Make observations of plants and animals to compare the diversity of life in different habitats. 		✓	
Engineering Design			
<ul style="list-style-type: none"> K-2-ETS1-1: Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool. 			✓
<ul style="list-style-type: none"> K-2-ETS1-2: Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem. 			✓
<ul style="list-style-type: none"> K-2-ETS1-3: Analyze data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how each performs. 			✓