

Kindergarten

Forces and Interactions: Pushes and Pulls SC.K.1

1 Gather, analyze, and communicate evidence of forces and their interactions. SC.K.1.1

- a 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. SC.K.1.1.A
 - b Analyze data to determine if a design solution works as intended to change the speed or direction of an object with a push or a pull. SC.K.1.1.B
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Interdependent Relationships in Ecosystems: Animals, Plants, and Their Environment SC.K.7

2 Gather, analyze, and communicate evidence of interdependent relationships in ecosystems. SC.K.7.2

- a Use observations to describe patterns of what plants and animals (including humans) need to survive. SC.K.7.2.A
 - b Construct an argument supported by evidence for how plants and animals (including humans) can change the environment to meet their needs. SC.K.7.2.B
 - c Use a model to represent the relationship between the needs of different plants or animals (including humans) and the places they live. SC.K.7.2.C
 - d Communicate solutions that will increase the positive impact of humans on the land, water, air, and/or other living things in the local environment. SC.K.7.2.D
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Weather and Climate SC.K.12

3 Gather, analyze, and communicate evidence of weather and climate. SC.K.12.3

- a Use and share observations of local weather conditions to describe patterns over time. SC.K.12.3.A
- b Ask questions to obtain information about the purpose of weather forecasting to prepare for, and respond to, severe weather. SC.K.12.3.B
- c Make observations to determine the effect of sunlight on Earth's surface. SC.K.12.3.C
- d Use tools and materials to design and build a structure that will reduce the warming effect of sunlight on an area. SC.K.12.3.D
- e 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. SC.K.12.3.E