

Grade K

Adopted 2020

Motion and Stability of Forces

1. 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.PS2.1](#)
2. Analyze data to determine if a design solution works as intended to change the speed or direction of an object with a push or pull. [K.PS2.2](#)

Energy

1. Make observations to determine the effect of sunlight on Earth's surface. [K.PS3.1](#)
2. Use tools and materials to design and build a structure that will reduce the warming effect of sunlight on an area. [K.PS3.2](#)

From Molecules to Organisms: Structure and Function

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

Earth Systems

1. Use and share observations of local weather conditions to describe patterns over time. [K.ESS2.1](#)
2. Construct an argument supported by evidence for how plants and animals (including humans) can change the environment to meet their needs. [K.ESS2.2](#)

Earth and Human Activity

1. Use a model to represent the relationship between the needs of different plants or animals (including humans) and the places they live. [K.ESS3.1](#)
2. Ask questions to understand the purpose of weather forecasting to prepare for and respond to severe weather. [K.ESS3.2](#)