

# Grade K

Adopted 2015

## Physical Science

**K-PS2-1.** Plan and carry out 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](#)

---

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

---

**K-PS3-1.** Make observations to determine the effect of sunlight on Earth's surface. [K-PS3-1](#)

---

**K-PS3-2.** Design and build a structure that will reduce the warming effect of sunlight on an area. [K-PS3-2](#)

---

## Life Science

**K-LS1-1.** Describe patterns of what plants and animals (including humans) need to survive. [K-LS1-1](#)

---

## Earth and Space Science

**K-ESS2-1.** Use and share observations of local weather conditions to describe patterns over time. [K-ESS2-1](#)

---

**K-ESS2-2.** Engage in argument from evidence for how plants and animals (including humans) can change the environment to meet their needs. [K-ESS2-2](#)

---

**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. [K-ESS3-1](#)

---

**K-ESS3-2.** Ask questions to obtain information about the purpose of weather forecasting to prepare for, and respond to, severe weather. [K-ESS3-2](#)

---

**K-ESS3-3.** Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment. [K-ESS3-3](#)