

## Elementary Science

### MSSS Standards

#### Grade K:

- **K-PS2-1** 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

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- **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-PS3-1** Make observations to determine the effect of sunlight on Earth's surface.

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- **K-PS3-2** Use tools and materials provided to design and build a structure that will reduce the warming effect of sunlight on an area.
- **K-LS1-1** Use observations to describe patterns of what plants and animals (including humans) need to survive.
- **K-ESS2-1** Use and share observations of local weather conditions to describe patterns over time.
- **K-ESS2-2** Construct an argument supported by evidence for how plants and animals (including humans) can change the environment to meet their needs.
- **K-ESS3-1** Use a model to represent the relationship between the needs of different plants and animals (including humans) and the places they live.
- **K-ESS3-2** Ask questions to obtain information about the purpose of weather forecasting to prepare for, and respond to, severe weather.
- **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-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.
- **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.
- **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.