

# NGSS STANDARDS

## KINDERGARTEN

### MOTION AND STABILITY: FORCES AND INTERACTIONS

- 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.
- 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.

### ENERGY

- Make observations to determine the effect of sunlight on Earth's surface.
- Use tools and materials to design and build a structure that will reduce the warming effect of sunlight on an area.

### FROM MOLECULES TO ORGANISMS: STRUCTURES AND PROCESSES

- Use observations to describe patterns of what plants and animals (including humans) need to survive.

### EARTH'S SYSTEMS

- Use and share observations of local weather conditions to describe patterns over time.
- Construct an argument supported by evidence for how plants and animals (including humans) can change the environment to meet their needs.
- Earth and Human Activity
- Use a model to represent the relationship between the needs of different plants or animals (including humans) and the places they live.
- Ask questions to obtain information about the purpose of weather forecasting to prepare for, and respond to, severe weather.
- Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment.