

West Northfield School District #31 Science Curriculum

Kindergarten

Physical, Life, and Earth Space Sciences

K-PS2 Motion and Stability: Forces and Interactions

1. [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.
2. [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 Energy

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

K-LS1 From Molecules to Organisms: Structures and Processes

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

K-ESS2 Earth's Systems

4. [K-ESS2-1](#) Use and share observations of local weather conditions to describe patterns over time.
5. [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 Earth and Human Activity

6. [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.
7. [K-ESS3-2](#) Ask questions to obtain information about the purpose of weather forecasting to prepare for, and respond to, severe weather.
8. [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.