Idaho Science

Grade K

Adopted 2022

Physical Science

K-PS-1. Motion and Stability: Forces and Interactions K-PS-1

1. With guidance and support, 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-PS-1.1
2. With guidance and support, analyze data to determine if a design solution works as intended to change the motion of an object with a push or a pull. K-PS-1.2

K-PS-2. Energy K-PS-2

1. Make observations to determine the effect of the Sun's energy on the Earth's surface. K-PS-2.1
2. Design and build a structure that will reduce the warming effect of the Sun's energy on a material. K-PS-2.2

Life Science

K-LS-1. From Molecules to Organisms: Structures and Processes K-LS-1

1. Use observations to describe how plants and animals are alike and different in terms of how they live and grow. K-LS-1.1

Earth and Space Science

K-ESS-1. Earth's Systems K-ESS-1

1. Use and share observations of local weather conditions to describe variations in patterns throughout the year. K-ESS-1.1
2. With guidance and support, use evidence to construct an explanation of how plants and animals interact with their environment to meet their needs. K-ESS-1.2

K-ESS-2. Weather and Climate K-ESS-2

1. Use a model to represent the relationship between the needs of different plants and animals and the places they live. K-ESS-2.1
2. Ask questions to obtain information about the purpose of weather forecasting to prepare for, and respond to, local weather. K-ESS-2.2
3. Communicate ideas that would enable humans to interact in a beneficial way with the land, water, air, and/or other living things in the local environment. K-ESS-2.3