

Science: Kindergarten

MOTION AND STABILITY: FORCES AND INTERACTIONS

1a Identify the effect caused by different strengths or directions of pushes and pulls on the motion of an object. [LC-K-PS2-1A](#)

1b Explain the effect of pushes and pulls on the motion of an object. [LC-K-PS2-1B](#)

1c Identify the effect of different strengths and directions of pushes and pulls on the motion of an object. [LC-K-PS2-1C](#)

1d Compare different strengths or different directions of pushes and pulls on an object. [LC-K-PS2-1D](#)

2a Identify if something designed to push or pull an object makes it move the way it is intended. [LC-K-PS2-2A](#)

2b Identify if something designed to change the speed of an object makes it move the way it is intended. [LC-K-PS2-2B](#)

2c Identify if something designed to change the direction of an object makes it move the way it is intended. [LC-K-PS2-2C](#)

ENERGY

1a Identify examples of sunlight heating different surfaces on Earth. [LC-K-PS3-1A](#)

2a Identify a design structure (e.g., umbrella, canopy, tent) that will reduce the warming caused by the sun. [LC-K-PS3-2A](#)

2b Identify tools and materials that can be used to build a structure that will reduce the warming effect of sunlight on an area. [LC-K-PS3-2B](#)

FROM MOLECULES TO ORGANISMS: STRUCTURES AND PROCESSES

1a Identify that animals need water and food to live and grow. [LC-K-LS1-1A](#)

1b Identify that plants need water and light to live and grow. [LC-K-LS1-1B](#)

1c Identify patterns of what living things need to survive. [LC-K-LS1-1C](#)

EARTH'S SYSTEMS

1a Identify patterns in weather conditions using observations of local weather. [LC-K-ESS2-1A](#)

2a Identify examples of how animals change their environments to meet their needs. [LC-K-ESS2-2A](#)

2b Identify examples of how plants change their environments to meet their needs. LC-K-ESS2-2B

2c Identify ways that humans can affect the environment in which they live. LC-K-ESS2-2C

**EARTH AND HUMAN
ACTIVITY**

1a Given a model (e.g., representation, diagram, drawing), describe the relationship between the needs of different animals and the places they live (e.g., deer eat buds and leaves and live in forests). LC-K-ESS3-1A

2a Identify how weather forecasting can help people avoid the most serious impacts of severe weather events. LC-K-ESS3-2A

3a Identify different solutions that people can apply to the way they live to reduce the impact on the land, water, air, and other living things. LC-K-ESS3-3A