

# 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](#)

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

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

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

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

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

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

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## ENERGY

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

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

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**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](#)

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## FROM MOLECULES TO ORGANISMS: STRUCTURES AND PROCESSES

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

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

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

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## EARTH'S SYSTEMS

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

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

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

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

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**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

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

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**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