

# Grade K

Adopted 2021

## Motion and Stability: Forces and Interactions

**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. [K-PS2-1](#)

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**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-PS2-2](#)

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## Energy

**K-PS3-1.** Make observations to determine the effect of sunlight on Earth's surface. [K-PS3-1](#)

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**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-PS3-2](#)

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## Molecules to Organisms: Structures and Processes

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

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## Earth's Systems

**K-ESS2-1.** Use and share observations of local weather conditions to describe patterns over time. [K-ESS2-1](#)

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**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-ESS2-2](#)

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## Earth and Human Activity

**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. [K-ESS3-1](#)

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**K-ESS3-2.** Ask questions to understand the purpose of weather forecasting to prepare for and respond to severe weather. [K-ESS3-2](#)

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**K-ESS3-3.** Obtain and communicate information to define problems related to human impact on the local environment. [K-ESS3-3](#)