

# Grade 4

## Energy

- 1** Recognize that objects move at different speeds. [SCI.AAS.4.1](#)

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- 2** Identify the effect of an opposing force on a moving object. [SCI.AAS.4.2](#)

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- 3a** Recognize different sources of heat. [SCI.AAS.4.3A](#)

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- 3b** Identify objects that absorb or reflect energy. [SCI.AAS.4.3B](#)

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- 4** Identify common sources of energy used every day (e.g., electricity, gas, sun). [SCI.AAS.4.4](#)

## Waves and Their Applications in Technologies for Information

- 6** Identify models that show ways in which patterns are used to transfer information (using drums to send coded information through sound waves, using Morse code to send a message). [SCI.AAS.4.6](#)

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- 7** Identify a model that shows the path of light reflected from the surface of an object to be seen by the eye. [SCI.AAS.4.7](#)

## From Molecules to Organisms: Structures and Processes

- 8** Identify basic parts of plants and animals and how those parts support growth and survival. [SCI.AAS.4.8](#)

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- 9** Identify the sense organs and the information they receive (eyes/sight, tongue/taste, ears/hearing, skin/touch, nose/smell). [SCI.AAS.4.9](#)

## Earth's Systems

- 10** Identify how water moves through the process of evaporation, condensation, and precipitation. [SCI.AAS.4.10](#)

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- 11** Identify patterns in rock formations and rock layers relating to the Earth's changes over time. [SCI.AAS.4.11](#)

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- 12** Identify the effects of weathering by water, ice, wind, or vegetation. [SCI.AAS.4.12](#)

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- 13** Use a map key to identify land and water features on a map. [SCI.AAS.4.13](#)

## Earth and Human Activity

- 14** Identify common energy sources as renewable or nonrenewable. [SCI.AAS.4.14](#)

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- 15** Identify options for human safety in a variety of weather situations and natural Earth processes. [SCI.AAS.4.15](#)