

# Grade 3

Adopted 2015

## Physical Science

- 3-PS2-1.** Plan and carry out an investigation to provide evidence of the effects of balanced and unbalanced forces on the motion of an object. 3-PS2-1

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- 3-PS2-2.** Make observations and/or measurements of an object's motion to provide evidence for how a pattern can be used to predict future motion. 3-PS2-2

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- 3-PS2-3.** Ask questions about cause and effect relationships of electric or magnetic interactions between two objects not in contact with each other. 3-PS2-3

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- 3-PS2-4.** Define a simple design problem that can be solved by applying scientific ideas about magnets. 3-PS2-4

## Life Science

- 3-LS1-1.** Develop models to describe that organisms have unique and diverse life cycles but all have in common birth, growth, reproduction, and death. 3-LS1-1

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- 3-LS2-1.** Construct an argument that some animals form groups that help members survive. 3-LS2-1

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- 3-LS3-1.** Analyze and interpret data to provide evidence that plants and animals have traits inherited from parents and that variations of these traits exist in a group of similar organisms. 3-LS3-1

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- 3-LS3-2.** Use evidence and reasoning to support the explanation that traits can be influenced by the environment. 3-LS3-2

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- 3-LS4-1.** Analyze and interpret data from fossils to provide evidence of the organisms and the environments in which they lived long ago. 3-LS4-1

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- 3-LS4-2.** Use evidence and reasoning to construct an explanation for how the variations in characteristics among individuals of the same species may provide advantages in surviving, finding mates, and reproducing. 3-LS4-2

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- 3-LS4-3.** Construct an argument with evidence how some organisms thrive, some struggle to survive, and some cannot survive in a particular habitat. 3-LS4-3

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**3-LS4-4.** Make a claim about the merit of a solution to a problem caused when the environment changes and the types of plants and animals that live there may change. 3-LS4-4

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**Earth and Space Science**

**3-ESS2-1.** Represent data in tables and graphical displays to describe typical weather conditions expected during a particular season. 3-ESS2-1

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**2.** Obtain and combine information to describe climates in different regions of the world. 3-ESS2.2

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**3-ESS3-1.** Make a claim about the merit of a design solution that reduces the impacts of a weather-related hazard. 3-ESS3-1