

# Grade K

Adopted 2016

## Earth and Space Sciences

### ESS2. Earth's Systems ESS2

**K-ESS2-1.** Use and share quantitative observations of local weather conditions to describe patterns over time. K-ESS2-1

**K-ESS2-2.** Construct an argument supported by evidence for how plants and animals (including humans) can change the environment. K-ESS2-2

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### ESS3. Earth and Human Activity ESS3

**K-ESS3-2.** Obtain and use information about weather forecasting to prepare for, and respond to, different types of local weather. K-ESS3-2

**K-ESS3-3.** Communicate solutions to reduce the amount of natural resources an individual uses. K-ESS3-3

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## Life Science

### LS1. From Molecules to Organisms: Structures and Processes LS1

**K-LS1-1.** Observe and communicate that animals (including humans) and plants need food, water, and air to survive. Animals get food from plants or other animals. Plants make their own food and need light to live and grow. K-LS1-1

**K-LS1-2(MA).** Recognize that all plants and animals grow and change over time. K-LS1-2(MA)

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## Physical Science

### PS1. Matter and Its Interactions PS1

**K-PS1-1(MA).** Investigate and communicate the idea that different kinds of materials can be solid or liquid depending on temperature. K-PS1-1(MA)

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### PS2. Motion and Stability: Forces and Interactions PS2

**K-PS2-1.** 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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### PS3. Energy PS3

**K-PS3-1.** Make observations to determine that sunlight warms materials on Earth's surface. K-PS3-1

**K-PS3-2.** Use tools and materials to design and build a model of a structure that will reduce the warming effect of sunlight on an area. K-PS3-2

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**Technology/Engineering**

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