

# Science

**Physical Science: Matter and its interactions.** PS

- 1a** Describe and categorize objects based on their observable properties. PK.PS1.01A
- 1b** Demonstrate an awareness that matter exist in different states (i.e., solid and liquid) and that matter changes as a result of changes in its environment. PK.PS1.01B
- 1c** Observe, predict, and describe how objects move using common motion related vocabulary (e.g., straight, fast/slow, up/down, zigzag). PK.PS1.01C
- 1d** Observe, predict, and describe how objects can be combined, stacked, or arranged to create a new object. PK.PS1.01

**Life Science: From molecules to organisms: structures and processes.** LS

- 1a** Identify common attributes of familiar living things. PK.LS1.01A
- 1b** Recognize differences between living organisms and non-living materials. PK.LS1.01B
- 1c** Recognize and describe the function of the five senses of humans. PK.LS1.01C

**Earth Science: Earth systems. Note: Earth Science (ESS1): Earth's place in the universe begins in Kindergarten.** ESS2

- 1a** Investigate and identify a variety of Earth materials by their observable properties (e.g. soil, rocks, sand, water). PK.ESS2.01A
- 1b** Observe and discuss changes in weather and seasons using common weather-related vocabulary (e.g., rain, sun, snow, wind, spring, summer, fall/autumn, winter, etc.). PK.ESS2.01B

**Earth Science: Earth and human activity.** ESS3

- 1a** Observe, describe, and compare the habitats of plants and animals. PK.ESS3.01A
- 1b** Observe and discuss how humans and animals respond to changes in weather. PK.ESS3.01B
- 1c** Explore ways that humans use water and materials/resources from the Earth (e.g., water to drink, wood to make blocks, soil to grow food, bricks to make homes, plants to make food, etc.). PK.ESS3.01C

**Engineering, Technology and Science: Engineering design.** ETS1

- 1a** Use senses to gather, explore, and interpret information. PK.ETS1.01A

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**1b** With modeling, prompting, and support, record and organize data using graphs, charts, science journals, etc., to communicate conclusions regarding experiments and explorations. PK.ETS1.01B

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**1c** Make predictions based on observations and prior explorations. PK.ETS1.01C

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**Engineering, Technology and Science: Links among engineering, technology, science, and society.** ETS2

**1a** Recognize that tools have specific characteristics that determine their use. PK.ETS2.01A

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**1b** Explore familiar environments through the use of simple tools. PK.ETS2.01B