

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

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

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

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

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