

# Grade K

Adopted 2008

## The Practice of Science

- 1. Collaborate with a partner to collect information.** SC.K.N.1.1

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- 2. Make observations of the natural world and know that they are descriptors collected using the five senses.** SC.K.N.1.2

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- 3. Keep records as appropriate -- such as pictorial records -- of investigations conducted.** SC.K.N.1.3

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- 4. Observe and create a visual representation of an object which includes its major features.** SC.K.N.1.4

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- 5. Recognize that learning can come from careful observation.** SC.K.N.1.5

### Access Point for Students with Significant Cognitive Disabilities

#### Independent

- Identify a partner to obtain information. SC.K.N.1.IN.A
- Identify information about objects and actions in the natural world through observation. SC.K.N.1.IN.B
- Observe, explore, and create a visual representation of real objects. SC.K.N.1.IN.C

#### Supported

- Collect a designated item with a partner. SC.K.N.1.SU.A
- Identify information about objects in the natural world through observation. SC.K.N.1.SU.B
- Observe, explore, and match pictures to real objects. SC.K.N.1.SU.C

#### Participatory

- Share objects with a partner. SC.K.N.1.PA.A
- Recognize common objects in the natural world through observation. SC.K.N.1.PA.B

## Earth in Space and Time

- 1. Explore the Law of Gravity by investigating how objects are pulled toward the ground unless something holds them up.** SC.K.E.5.1

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- 2. Recognize the repeating pattern of day and night.** SC.K.E.5.2

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**3. Recognize that the Sun can only be seen in the daytime.** SC.K.E.5.3

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**4. Observe that sometimes the Moon can be seen at night and sometimes during the day.** SC.K.E.5.4

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**5. Observe that things can be big and things can be small as seen from Earth.** SC.K.E.5.5

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**6. Observe that some objects are far away and some are nearby as seen from Earth.** SC.K.E.5.6

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### Access Point for Students with Significant Cognitive Disabilities

#### Independent

- a. Identify that objects can fall to the ground unless something stops them. SC.K.E.5.IN.A
- b. Identify daily activities in a 24-hour period, such as eating breakfast and going to bed, and associate activities with morning and night. SC.K.E.5.IN.B
- c. Identify the Sun in the daytime. SC.K.E.5.IN.C
- d. Identify the Moon in the sky at night. SC.K.E.5.IN.D
- e. Observe big and small things in the sky. SC.K.E.5.IN.E
- f. Identify an item that is far away and an item that is nearby. SC.K.E.5.IN.F

#### Supported

- a. Recognize that objects fall to the ground. SC.K.E.5.SU.A
- b. Identify one common activity that occurs in the day and one that occurs in the night. SC.K.E.5.SU.B
- c. Recognize the Sun in the daytime. SC.K.E.5.SU.C
- d. Recognize the Moon in the sky at night. SC.K.E.5.SU.D
- e. Recognize the size of items as either big or small. SC.K.E.5.SU.E
- f. Recognize familiar objects that are far away or nearby. SC.K.E.5.SU.F

#### Participatory

- a. Track a falling object. SC.K.E.5.PA.A
  - b. Recognize one common activity that occurs during the day. SC.K.E.5.PA.B
  - c. Associate the Sun with daytime. SC.K.E.5.PA.C
  - d. Associate the Moon with night. SC.K.E.5.PA.D
  - e. Recognize items that are big. SC.K.E.5.PA.E
  - f. Recognize items as nearby. SC.K.E.5.PA.F
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## Properties of Matter

**1. Sort objects by observable properties, such as size, shape, color, temperature (hot or cold), weight (heavy or light) and texture.** SC.K.P.8.1

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**Access Point for Students with Significant Cognitive Disabilities**

Independent

- a. Sort objects by observable properties, such as size, shape, or color. [SC.K.P.8.IN.A](#)

Supported

- a. Match objects by an observable property, such as size or color. [SC.K.P.8.SU.A](#)

Participatory

- a. Recognize two common objects that are identical to each other. [SC.K.P.8.PA.A](#)
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**Changes in Matter**

- 1. Recognize that the shape of materials such as paper and clay can be changed by cutting, tearing, crumpling, smashing, or rolling.** [SC.K.P.9.1](#)
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**Access Point for Students with Significant Cognitive Disabilities**

Independent

- a. Recognize that the shape of objects, such as paper, changes when cut, torn, or crumpled. [SC.K.P.9.IN.A](#)

Supported

- a. Recognize that the shape of objects, such as paper, changes when cut or torn. [SC.K.P.9.SU.A](#)

Participatory

- a. Recognize a change in an object. [SC.K.P.9.PA.A](#)
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**Forms of Energy**

- 1. Observe that things that make sound vibrate.** [SC.K.P.10.1](#)
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**Access Point for Students with Significant Cognitive Disabilities**

Independent

- a. Identify objects that create specific sounds. [SC.K.P.10.IN.A](#)

Supported

- a. Match sounds to specific objects. [SC.K.P.10.SU.A](#)

Participatory

- a. Recognize and respond to common sounds. [SC.K.P.10.PA.A](#)
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**Motion of Objects**

- 1. Investigate that things move in different ways, such as fast, slow, etc.** [SC.K.P.12.1](#)

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**Access Point for Students with Significant Cognitive Disabilities**

Independent

- a. Identify ways that things move, such as fast or slow. [SC.K.P.12.IN.A](#)

Supported

- a. Recognize that things move. [SC.K.P.12.SU.A](#)

Participatory

- a. Track objects in motion. [SC.K.P.12.PA.A](#)
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**Forces and Changes in Motion**

- 1. Observe that a push or a pull can change the way an object is moving.** [SC.K.P.13.1](#)
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**Access Point for Students with Significant Cognitive Disabilities**

Independent

- a. Demonstrate pushing or pulling of an object to make it move. [SC.K.P.13.IN.A](#)

Supported

- a. Recognize that pushing or pulling an object makes it move. [SC.K.P.13.SU.A](#)

Participatory

- a. Track the movement of objects that are pushed or pulled. [SC.K.P.13.PA.A](#)
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**Organization and Development of Living Organisms**

- 1. Recognize the five senses and related body parts.** [SC.K.L.14.1](#)
  - 2. Recognize that some books and other media portray animals and plants with characteristics and behaviors they do not have in real life.** [SC.K.L.14.2](#)
  - 3. Observe plants and animals, describe how they are alike and how they are different in the way they look and in the things they do.** [SC.K.L.14.3](#)
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## Access Point for Students with Significant Cognitive Disabilities

### Independent

- a. Recognize the senses of sight, hearing, and smell and related body parts. [SC.K.L.14.IN.A](#)
- b. Identify a behavior of an animal or plant in a book or other media that is not real. [SC.K.L.14.IN.B](#)
- c. Identify differences in characteristics of plants and animals. [SC.K.L.14.IN.C](#)

### Supported

- a. Recognize the senses of sight and hearing and related body parts. [SC.K.L.14.SU.A](#)
- b. Distinguish a real animal and an animal that is not a living thing, such as a toy animal. [SC.K.L.14.SU.B](#)
- c. Match identical animals and plants. [SC.K.L.14.SU.C](#)

### Participatory

- a. Recognize and respond to one type of sensory stimuli. [SC.K.L.14.PA.A](#)
- b. Distinguish between a plant and animal. [SC.K.L.14.PA.B](#)