Florida Science

Grade K

Adopted 2008

The Practice of Science

1. **Collaborate with a partner to collect information.** SC.K.N.1.1
2. **Make observations of the natural world and know that they are descriptors collected using the five senses.** SC.K.N.1.2
3. **Keep records as appropriate -- such as pictorial records -- of investigations conducted.** SC.K.N.1.3
4. **Observe and create a visual representation of an object which includes its major features.** SC.K.N.1.4
5. **Recognize that learning can come from careful observation.** SC.K.N.1.5

Access Point for Students with Significant Cognitive Disabilities

Independent

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

Supported

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

Participatory

a. Share objects with a partner. SC.K.N.1.PA.A
b. 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

Skip to main content

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

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

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

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

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

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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Skip to main content

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

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

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

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

Forms of Energy

1. **Observe that things that make sound vibrate.** SC.K.P.10.1

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

Motion of Objects

1. **Investigate that things move in different ways, such as fast, slow, etc.** SC.K.P.12.1

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

Skip to main content

Supported

a. Recognize that things move. SC.K.P.12.SU.A

Participatory

a. Track objects in motion. SC.K.P.12.PA.A

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

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

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

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