Florida Science

Grade 3: Access Points

Earth and Space Science

Earth in Space and Time

Independent

1 Recognize that stars in the sky look different from each other. SC.3.E.5.IN.1

2 Recognize that the Sun is a star that gives off its own light. SC.3.E.5.IN.2

3 Recognize that the Sun is the closest star to Earth. SC.3.E.5.IN.3

4 Observe and describe ways to keep an object from falling due to gravity. SC.3.E.5.IN.4

5 Recognize that stars appear larger and closer when seen through a telescope. SC.3.E.5.IN.5

Supported

1 Recognize that all stars except the Sun appear very small. SC.3.E.5.SU.1

2 Recognize that the Sun gives off light. SC.3.E.5.SU.2

3 Recognize that the Sun is a star. SC.3.E.5.SU.3

4 Observe and recognize ways to stop a falling object, such as catching a ball. SC.3.E.5.SU.4

5 Recognize a telescope as a tool to view stars in space. SC.3.E.5.SU.5

Participatory

1 Recognize stars in the sky. SC.3.E.5.PA.1

2 Recognize that the Sun is bright. SC.3.E.5.PA.2

3 Recognize that an object can be stopped from falling. SC.3.E.5.PA.3

4 Match a familiar object enlarged by magnification. SC.3.E.5.PA.

Earth Structures

Independent

1 Identify that energy from the Sun heats objects. SC.3.E.6.IN.1

Supported

1 Recognize that many things will get hot when left in the Sun. SC.3.E.6.SU.1

Participatory

1 Distinguish between hot and cold objects. SC.3.E.6.PA.1

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Life Science

Organization and Development of Living Organisms

Independent

1 Identify the major parts of a plant, including seed, root, stem, leaf, and flower, and their functions. SC.3.L.14.IN.1

2 Identify behaviors of plants that show they are growing. SC.3.L.14.IN.2

Supported

1 Identify the major parts of a plant, such as the root, stem, leaf, and flower. SC.3.L.14.SU.1

2 Recognize that plants grow toward light and roots grow down in the soil. SC.3.L.14.SU.

Participatory

1 Recognize the leaf and flower of a plant. SC.3.L.14.PA.1

2 Recognize that plants grow. SC.3.L.14.PA.2

Diversity and Evolution of Living Organisms

Independent

1 Classify animals by a similar physical characteristic, such as fur, feathers, and number of legs. SC.3.L.15.IN.1

2 Classify parts of plants into groups based on physical characteristics, such as classifying leaves by shape. SC.3.L.15.IN.2

Supported

1 Sort common animals by observable characteristics. SC.3.L.15.SU.1

2 Sort common plants by observable characteristics. SC.3.L.15.SU.2

Participatory

1 Match animals that are the same. SC.3.L.15.PA.1

2 Match plants that are the same. SC.3.L.15.PA.2

Interdependence

Independent

1 Identify changes in the appearance of animals and plants throughout the year. SC.3.L.17.IN.1

2 Recognize that most plants make their own food. SC.3.L.17.IN.

Supported

1 Recognize that the appearance of some plants in the environment changes throughout the year. SC.3.L.17.SU.1

2 Recognize that plants need light to grow. SC.3.L.17.SU.2

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Participatory

1 Recognize clothing worn by humans in different weather (seasons). SC.3.L.17.PA.1

2 Recognize that plants need water. SC.3.L.17.PA.2

Nature of Science

The Practice of Science

Independent

1 Ask questions, explore, observe, and identify outcomes. SC.3.N.1.IN.1

2 Work with a group to make observations and identify results. SC.3.N.1.IN.2

3 Record observations to describe findings using written or visual formats, such as picture stories. SC.3.N.1.IN.3

4 Recognize that scientists share their knowledge and results with each other. SC.3.N.1.IN.

Supported

1 Ask literal questions, explore, observe, and share information. SC.3.N.1.SU.1

2 Work with a partner to make observations. SC.3.N.1.SU.2

3 Record observations to describe findings using dictated words and phrases and pictures. SC.3.N.1.SU.3

4 Recognize that people work in different kinds of jobs related to science. SC.3.N.1.SU.4

Participatory

1 Explore, observe, and recognize common objects in the natural world. SC.3.N.1.PA.1

2 Assist with investigations with a partner. SC.3.N.1.PA.2

3 Recognize that people share information. SC.3.N.1.PA.3

The Role of Theories, Laws, Hypotheses, and Models

Independent

1 Recognize meanings of words used in science, such as energy, temperature, and gravity. SC.3.N.3.IN.1

2 Use models to identify how things work. SC.3.N.3.IN.2

3 Identify that models are representations of things found in the real world. SC.3.N.3.IN.3

Supported

1 Recognize meanings of words used in science, such as telescope, environment, and solid. SC.3.N.3.SU.1

2 Recognize that models represent real things. SC.3.N.3.SU.

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Participatory

1 Recognize common objects related to science by name, such as ice, animal, and plant. SC.3.N.3.PA.1

2 Recognize a model of a real object. SC.3.N.3.PA.2

Physical Science

Forms of Energy

Independent

1 Recognize forms of energy, such as light, heat, electrical, and energy of motion. SC.3.P.10.IN.1

2 Recognize examples of the use of energy, such as electrical (radio, freezer) and energy of motion (bowling, wind). SC.3.P.10.IN.2

3 Identify that light may come from different sources, such as the Sun or electric lamp. SC.3.P.10.IN.3

Supported

1 Recognize objects that use electricity (television) and the energy of motion (bowling ball). SC.3.P.10.SU.1

2 Recognize examples of sources of light, such as the Sun or a flashlight. SC.3.P.10.SU.2

Participatory

1 Recognize the change in the motion of an object. SC.3.P.10.PA.1

2 Distinguish light and dark. SC.3.P.10.PA.2

Energy Transfer and Transformations

Independent

1 Identify that objects that give off light often give off heat. SC.3.P.11.IN.1

2 Observe and identify that heat is produced when objects are rubbed together. SC.3.P.11.IN.2

Supported

1 Recognize objects that give off both heat and light, such as a light bulb. SC.3.P.11.SU.1

2 Observe and recognize that rubbing objects together causes heat. SC.3.P.11.SU.2

Participatory

1 Recognize sources of light. SC.3.P.11.PA.1

2 Recognize sources of heat. SC.3.P.11.PA.2

Properties of Matter

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Independent

1 Observe and identify the colder/hotter temperature measured on a thermometer. SC.3.P.8.IN.1

2 Measure the weight of solids or liquids. SC.3.P.8.IN.2

3 Group objects by two observable properties, such as size and shape or color and texture. SC.3.P.8.IN.3

Supported

1 Recognize that a thermometer measures temperature (cold and hot). SC.3.P.8.SU.1

2 Sort solid objects by weight (heavy and light). SC.3.P.8.SU.2

3 Sort objects by an observable property, such as size, shape, color, and texture. SC.3.P.8.SU.3

Participatory

1 Recognize the temperature of items, such as food, as cool or warm. SC.3.P.8.PA.1

2 Recognize the larger of two objects. SC.3.P.8.PA.2

3 Match objects by an observable property, such as size, shape, and color. SC.3.P.8.PA.3

Changes in Matter

Independent

1 Describe changes in the state of water as a result of freezing and melting. SC.3.P.9.IN.1

Supported

1 Identify that water can change from solid to liquid state by heating. SC.3.P.9.SU.1

Participatory

1 Recognize that ice can change to water. SC.3.P.9.PA.1