

1st Grade Science Standards

Standard	Content	Skills
1st Quarter		
1.2.4	Living and Nonliving Things	Recognize the needs of living things such as a source of energy, water, and air.
1.2.2	Plants & Animals	Observe and describe that there can be differences, such as size or markings, between the individuals within one kind of plant or animal group.
1.1.1	Graphs	<i>Follows procedures and explain the results of an investigation to an audience using simple tables, charts, graphs, and pictures.</i>
1.5.2	Data	<i>Collect, record, and organize data using simple tools, equipment, and techniques safely.</i>
1.2.3	Plants & Animals	Observe and explain that animals eat plants and other animals for food.
2nd Quarter		
1.5.1	Science Tools	Tell why people create and use tools and associate common tools found in the home with their purposes.
1.4.2	Weather	Investigate by observing and also measuring that the sun warms the land, air, and water.
1.4.3	Weather	Recognize some of the different types of clouds.
1.4.1	Landforms	Tell or illustrate how volcanoes and earthquakes change the shape of the Earth.
3rd Quarter		
1.3.1	Matter	Define matter and give examples.
1.3.2	Matter	Define some basic properties of matter such as color, mass, and size, as well as the states of matter.
1.3.3	Forces	Explore and describe how things move in different ways.
1.3.4	Forces	Demonstrate repellent and attractive forces.
1.3.5	Energy	Identify basic types of energy.
4th Quarter		
1.4.4	Solar System	Demonstrate an understanding that the Earth is a sphere and revolves around the sun.
1.4.5	Solar System	Recognize a model of the solar system, comprising the sun and eight planets, moons, and stars.
1.4.7	Forces	Demonstrate that gravity is the force that one object exerts on another.
1.4.6	Solar System	Identify telescopes as technology that makes it possible to observe the motions of the sun, planets, moons, and stars.

*ongoing standard

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Review Weak Areas

The standards that are **BOLD are the non-negotiable standards