

2nd Grade Science

Quarter 1 Standards

1. **2.E1U1.4:** I can observe and investigate how wind and water change the shape of the land resulting in a variety of landforms.
2. **2.E1U1.5:** I can develop and use models to represent that water can exist in different states and is found in oceans, glaciers, lakes, rivers, ponds, and the atmosphere.
3. **2.E1U2.6:** I can analyze patterns in weather conditions of various regions of the world and design, test, and refine solutions to protect humans from severe weather conditions.

Quarter 2 Standards

1. **2.E1U2.6:** I can analyze patterns in weather conditions of various regions of the world and design, test, and refine solutions to protect humans from severe weather conditions.
2. **2.E1U3.7:** I can construct an argument from evidence regarding positive and negative changes in water and land systems that impact humans and the environment.
3. **2.E2U1.8:** I can observe and explain the Sun's position at different times during a twenty-four-hour period and changes in the apparent shape of the Moon from one night to another.

Quarter 3 Standards

1. **2.L2U1.9:** I can obtain, analyze, and communicate evidence that organisms need a source of energy, air, water, and certain temperature conditions to survive.
2. **2.L2U1.10:** I can develop a model representing how life on Earth depends on energy from the Sun and energy from other organisms.

Quarter 4 Standards

1. **2.P1U1.1:** I can plan and carry out an investigation to determine that matter has mass, takes up space, and is recognized by its observable properties; use the collected evidence to develop and support an explanation.
2. **2.P1U1.2:** I can plan and carry out investigations to gather evidence to support an explanation on how heating or cooling can cause a phase change in matter.
3. **2.P4U1.3:** I can obtain, evaluate and communicate information about ways heat energy can cause change in objects or materials.