

5th Grade Science

Quarter 1 Standards

1. **5.E2U1.7:** I can develop, revise, and use models based on evidence to construct explanations about the movement of the Earth and Moon within our solar system.
2. **5.E2U1.8:** I can obtain, analyze, and communicate evidence to support an explanation that the gravitational force of Earth on objects is directed toward the planet's center.
3. **5.P2U1.3:** I can construct an explanation using evidence to demonstrate that objects can affect other objects even when they are not touching.
4. **5.P3U1.4:** I can obtain, analyze, and communicate evidence of the effects that balanced and unbalanced forces have on the motion of objects.

Quarter 2 Standards

1. **5.P1U1.1:** I can analyze and interpret data to explain that matter of any type can be subdivided into particles too small to see and, in a closed system, if properties change or chemical reactions occur, the amount of matter stays the same.
2. **5.P1U1.2:** I can plan and carry out investigations to demonstrate that some substances combine to form new substances with different properties and others can be mixed without taking on new properties.
3. **5.P3U2.5:** I can define problems and design solutions pertaining to force and motion.
4. **5.P4U1.6:** I can analyze and interpret data to determine how and where energy is transferred when objects move.

Quarter 3 Standards

1. **5.L3U1.9:** I can obtain, evaluate, and communicate information about patterns between the offspring of plants, and the offspring of animals (including humans); construct an explanation of how genetic information is passed from one generation to the next.
2. **5.L3U1.10:** I can construct an explanation based on evidence that the changes in an environment can affect the development of the traits in a population of organisms.
3. **5.L4U3.11:** I can obtain, evaluate, and communicate evidence about how natural and human-caused changes to habitats or climate can impact populations.
4. **5.L4U3.12:** I can construct an argument based on evidence that inherited characteristics can be affected by behavior and/or environmental conditions.

Quarter 4 Standards

1. Review all standards from Q1 - Q3 - 10 Days