Science: Grade 5

MATTER AND ITS INTERACTIONS	1a	Identify in a model (e.g., picture, diagram) which shows that all matter can be broken down into smaller and smaller pieces until they are too small to be seen by human eyes. LC-5-PS1-1A
	2a	Identify using measurements that the total weight of matter is conserved when it changes form. LC-5-PS1-2A
	2b	Identify using measurements that the total weight of matter is conserved before and after they are heated, cooled, or mixed. LC-5-PS1-2B
	3a	Identify that materials can be classified based on a variety of observable physical properties (e.g., shape, texture, buoyancy, color, magnetism, solubility). LC-5-PS1-3A
	3b	Classify materials (e.g., shape, texture, buoyancy, color, magnetism, solubility) by measurable physical properties. LC-5-PS1-3B
	4a	Identify that when two or more different substances are mixed, a new substance with different properties may be formed. LC-5-PS1-4A
	4b	Identify the changes that occur when two or more substances are mixed using evidence provided from data. LC-5-PS1-4B
MOTION AND STABILITY: FORCES AND INTERACTIONS	1a	Identify that the gravitational force exerted by Earth on objects is directed down. LC-5-PS2-1A
MATTER AND ENERGY IN ORGANISMS AND ECOSYSTEMS	1a	Identify that the energy in animals' food was once energy from the sun. LC-5-PS3-1A
FROM MOLECULES TO ORGANISMS: STRUCTURES AND PROCESSES	1a	Identify that plants acquire material for growth chiefly from air and water, not from soil. LC-5-LS1-1A
ECOSYSTEMS	1a	Identify a model that shows the movement of matter (e.g., plant growth, eating, composting) through living things. LC-5-LS2-1A

Skip to main content

EARTH'S PLACE IN THE UNIVERSE	**1a**	**Identify that the sun appears larger and brighter than other stars because the sun is much closer to Earth than other stars.** LC-5-ESS1-1A
	2a	**Describe similarities and differences in the timing of observable changes in shadows.** LC-5-ESS1-2A
	2b	**Describe similarities and differences in the timing of observable changes in day and night.** LC-5-ESS1-2B
	2c	**Describe similarities and differences in the timing of observable changes in the appearance of stars that are visible only in particular months** LC-5-ESS1-2C
EARTH'S SYSTEMS	**1a**	**Describe that the Earth's major systems interact and affect Earth's surface materials and processes.** LC-5-ESS2-1A
	2a	**Determine that the majority of water on Earth is found in the oceans as salt water and most of the Earth's fresh water is stored in glaciers.** LC-5-ESS2-2A
EARTH AND HUMAN ACTIVITY	**1a**	**Identify ways people can help protect the Earth's resources and environment.** LC-5-ESS3-1A