

Science Targets - Grade 3

Earth and Space Science	Environmental Science	History and Nature	Life Science	Physical Science	Science as a Process
___ I can recognize the difference between rotation and revolution and their connection to day, night, seasons, and the year.	___ I can recognize that in social and natural systems that consist of many parts, the parts usually influence one another.	___ I can use science to explore, investigate, and answer questions about the natural world.	___ I can describe the parts of plants and mammals that help in growth, survival, and reproduction.	___ I can explore simple electrical circuits using components such as wires, batteries, and bulbs.	___ I can ask questions and use facts to explain my answers.
___ I can explain that the sun supplies heat and light to the earth.	___ I can understand social and natural systems may not function as well if parts are missing, damaged, mismatched, or misconnected.	___ I can ask questions about the natural world that can be investigated.	___ I can explain that plants have different structures than animals that serve the same necessary functions in growth, survival, and reproduction.	___ I can investigate static electricity.	___ I can explain, write or draw to communicate my ideas.
___ I can perform the role of a geologist such as scratch and calcite tests.		___ I can participate in a scientific investigation using appropriate tools.	___ I can observe and differentiate between characteristics of organisms that are inherited and characteristics that are acquired.	___ I can identify objects and materials that conduct electricity and those that are insulators.	___ I can observe and compare properties.
		___ I can explain that scientists use different kinds of investigations depending on the questions they are trying to answer.	___ I can identify similarities and differences between parent and offspring.	___ I can locate a magnet by its force.	___ I can identify and group according to properties.
		___ I can identify men and women who have made contributions to science.		___ The student will move objects using the force of a magnet.	___ I can use appropriate metric measurements and tools to collect and organize data.
				___ I can demonstrate how a wire and magnet can be used to generate an electric current.	___ I can create a plan to test my predictions.
				___ I can demonstrate how an electric current can make an iron object magnetic.	___ I can make predictions about scientific investigations.
					___ I can use my past experiences and knowledge to explain scientific events.
					___ I can draw a conclusion based on observations and experiments.