

7th Grade - Cycle 1 2018-2019 - Content Focus Report

Benchmark	#	Focus
SC.7.E.6.6 - Identify the impact that humans have had on Earth, such as deforestation, urbanization, desertification, erosion, air and water quality, changing the flow of water.	1.	deforestation
	2.	desertification
	3.	erosion
	4.	urbanization - graphic
	5.	air quality
SC.7.E.6.5 - Explore the scientific theory of plate tectonics by describing how the movement of Earth's crustal plates causes both slow and rapid changes in Earth's surface, including volcanic eruptions, earthquakes, and mountain building.	6.	movement of tectonic plates
	7.	volcanic eruptions
	8.	mountain building
	9.	volcanoes
	10.	non example of SC.7.E.6.5
SC.7.E.6.1 - Describe the layers of the solid Earth, including the lithosphere, the hot convecting mantle, and the dense metallic liquid and solid cores.	11.	compositional layers
	12.	identification of layers
	13.	comparison of the layers
	14.	types of crust
	15.	crust
SC.7.E.6.7 - Recognize that heat flow and movement of material within Earth causes earthquakes and volcanic eruptions, and creates mountains and ocean basins.	16.	tectonic activity and crust
	17.	tectonic plates - graphic
	18.	earthquakes
	19.	movement of tectonic plates - graphic
	20.	tectonic activity in the mantle
SC.7.E.6.2 - Identify the patterns within the rock cycle and relate them to surface events (weathering and erosion) and sub-surface events (plate tectonics and mountain building).	21.	process of the rock cycle
	22.	surface events and weather
	23.	weathering and erosion
	24.	sub-surface events and the rock cycle
	25.	surface events

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Benchmark	#	Focus
SC.7.N.1.1 - Define a problem from the seventh grade curriculum, use appropriate reference materials to support scientific understanding, plan and carry out scientific investigation of various types, such as systematic observations or experiments, identify variables, collect and organize data, interpret data in charts, tables, and graphics, analyze information, make predictions, and defend conclusions.	26.	steps of scientific investigation
	27.	variables
	28.	types of experiments
	29.	communicating results - graphic
	30.	variables