

6th Grade Science ~ Camden County Schools 2017 - 2018

(Adapted from the Georgia Department of Education Frameworks Rev. 05.21.14)

1 st Quarter		2 nd Quarter		3 rd Quarter		4 th Quarter	
Unit 1: Water in Earth's Processes October 12	Unit 2: Climate and Weather December 13	Unit 3: Inside the Earth February 9	Unit 4: Rocks and Minerals March 7	Unit:5: Weathering and Erosion April 11	Unit 6: Astronomy May 9		
Scientific methods	Tilt of Earth	Earth's crust, mantle and core	Rock composition	Weathering, erosion, soil deposition	Historical scientific models of the Solar System		
Water cycle	Heat's effect on weather patterns	Plate tectonics	Classification of rocks	Human activity & erosion	Planets		
Subsurface topography	Unequal heating of land and water		Rock formation	Conserving natural resources	Gravity		
Currents, waves, tides	Wind and water energy		Fossil evidence		Comets, asteroids, meteors		
	Ocean moisture & evaporation				Motion of objects in the day/night sky		
					Relative positions of Earth, moon and sun		
					Tides		
E3 a, b, c, d E6 a	E2 c E4 a, b, c	E5 a, d, e, f E6 b	E5 b, c, d, g E6 b	E5 d, f, h, i, j E6 a	E1 a, b, c, d, e, f E2 a, b E6 b		
Major Concepts/Skills Meteorology: Impact of weather and climate on the Earth Oceanography Earth Materials: Composition and structure of the Earth Earth in Space Interactions: Human impact on the Earth Energy sources				Concepts/Skills to Maintain: Records investigations clearly and accurately Uses scientific tools Interprets graphs, tables, and charts Writes clearly Uses proper units Organizes data into graphs, tables, and charts Analyzes scientific data via calculations and inference Recognizes the importance of explaining data with precision and accuracy Uses models Asks quality questions Uses technology Uses safety techniques			