

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 Water cycle Subsurface topography Currents, waves, tides	Tilt of Earth Heat's effect on weather patterns Unequal heating of land and water Wind and water energy Ocean moisture & evaporation	Earth's crust, mantle and core Plate tectonics	Rock composition Classification of rocks Rock formation Fossil evidence	Weathering, erosion, soil deposition Human activity & erosion Conserving natural resources	Historical scientific models of the Solar System Planets Gravity Comets, asteroids, meteors 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			