

CURRICULUM GUIDE
Sixth Grade Science
Third Six Weeks

Unit of Study— Objective 3 – Earth Science: Geology, Oceanography, Meteorology, Astronomy

TEKS #	Knowledge and Skill TEK	Student Expectation	Vocabulary	Tools	Instructional/Assessment Resources
6.14ABC	(6.14) Science concepts. The student knows the structures and functions of Earth systems.	(A) summarize the rock cycle; (B) identify relationships between groundwater and surface water in a watershed; and (C) describe components of the atmosphere, including oxygen, nitrogen, and water vapor, and identify the role of atmospheric movement in weather change.	Crust Mantle Outer core Inner core Igneous rocks Magma Lava Extrusive Volcanic Intrusive Plutonic Sedimentary rock Sediment Metamorphic rock Rock cycle		
6.6C	(6.6) Science concepts. The student knows that there is a relationship between force and motion.	(C) identify forces that shape features of the Earth including uplifting, movement of water, and volcanic activity.	Theory of continental drift Theory of plate tectonics Lithosphere Subduction Plate boundaries		
6.5AB	(6.5) Science concepts. The student knows that systems may combine with other systems to form a larger system.	(A) identify and describe a system that results from the combination of two or more systems such as in the solar system; and (B) describe how the properties of a system are different from the properties of its parts.	Convergent boundary Divergent boundary Mid-ocean ridges Transform boundary Ring of Fire Earthquake Fault Focus Seismic waves Epicenter Primary wave Secondary wave Land wave		

			Magnitude Richter scale Mercalli scale Uplift Folded mountains Fault-block mountains Volcano Weathering Mechanical weathering Chemical weathering Erosion Deposition Divide Drainage basin Watershed Salinity Density Ocean currents Surface currents Coriolis effect Subsurface currents Atmosphere Ozone Exosphere Thermosphere Mesosphere Stratosphere Troposphere Water cycle Hydrologic cycle Evaporation Transpiration Condensation Precipitation Global winds Jet stream	
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