

Course Title: Earth Space Science (edits November 2015)**Course Number: 2001310**

NGSS Benchmark	Content Focus	Number of Questions	Suggested Cognitive Complexity (per CPALMS)
Reporting Category 1: Meteorology			
SC.912.E.7.3	Photosynthesis, Water Cycle, Erosion, Plate Tectonics, Conduction, Convection, Hurricanes, Tsunamis, and Volcanoes	6 4	1 level 1 2 level 2 1 level 3
SC.912.E.7.4	Latitude, Longitude, proximity to Large Bodies of Water, to determine Climate	1	1 level 2
SC.912.E.7.5	Weather Maps	2	2 level 2
SC.912.E.7.6	Severe Weather	2	1 level 2 1 level 3
SC.912.E.7.7	Global Climate Change...Man's Role>>>	1	1 level 1
SC.912.E.7.8	Environmental Conditions associated with Floods, Droughts, Wildfires, Thunderstorms, Hurricanes, Rip Currents, and Tsunamis	3	1 level 2 2 level 3
SC.912.P.10.4	Sun as the Catalyst for all Weather	1	1 level 1
Reporting Category Total		13	
Reporting Category 2: Astronomy			
SC.912.E.5.3	Star Evolutions, Colors, Life Spans...	1	1 level 1
SC.912.E.5.9	Economics of our Space Program	1	1 level 2
SC.912.E.5.1	Formation of the Universe, and its Expansion	1	1 level 2
SC.912.P.10.18	Electromagnetic Spectrum, Radio, Micro, X, and Gamma Rays...Energy	1	1 level 2
SC.912.P.12.4	Newton's Law of Universal Gravitation	2	2 level 2
SC.912.E.5.2	Motions of the Planets, Moons, Satellites, Asteroids, Galaxies, and how they Relate ...	5 2	1 level 1 1 level 2
SC.912.E.5.4	Physical Properties of the Sun	1	1 level 2 1 level 2
Reporting Category Total		9	
Reporting Category 3: Geology			
SC.912.E.6.1	Structures of the Earth's Layers	2	1 level 1 1 level 2
SC.912.E.6.2	Various Land Forms of the Earth, and how they are formed	3 1	3 level 2 1 level 1
SC.912.L.15.1	Fossil Records and Evolutionary Change	2	2 level 2
SC.912.P.10.10	Force, Matter and Geologic Formations	2	2 level 3 1 level 1 1 level 2
SC.912.E.6.3	Continental Drift, Plate Tectonics, Seafloor Spreading, Convergent and Divergent Transformations, Volcanoes, Mid Ocean Ridges, Trenches, Geologic Formations	5	3 2 level 1 2 3 level 2
Reporting Category Total		12	
Reporting Category 4: Oceanography			
SC.912.E.6.4	Ocean Currents, Beach Erosion, Florida Peninsula, Temperatures of Oceanic Water and The Florida Climate	3	2 level 1 2-3 level 2 1 level 3
SC.912.E.6.5	Topography of the Ocean Floor	3	3 level 1 2
SC.912.E.7.2	Ocean Currents, Upwelling, Oceanic Salinity	2	2 level 1
SC.912.N.2.5	Scientific Knowledge and its Continual Change	2	2 level 3

			1 level 1 1 level 2
SC.912.N.3.1	Scientific Hypothesis, and Scientific Theories, and the need for Peer Review	2	2 level 2
SC.912.N.3.5	Models and the Scientific Method in Science	2	2 level 2
<i>Reporting Category Total</i>		<i>12</i>	

Overall Percentage for Written Test: _____100%_____

Overall Percentage for Performance Task: _____0%_____