

Quarter 2 Curriculum Guide

Guiding Principles of the Scientific Inquiry/Learning Cycle: Evaluate....Engage...Explore...Explain...Extend...Evaluate Identify ask valid and testable questions Research books, other resources to gather known information **Plan and Investigate** Use appropriate mathematics, technology tools to gather, interpret data. Organize, evaluate, interpret observations, measurements, other data Use evidence, scientific knowledge to develop explanations Communicate results with graphs charts, tables Critical Areas of Focus Being Addressed: Cycles and Patterns of Earth and the Moon 0 **Conservation of Matter and Energy** 0 Science Inquiry and Applications 0 Content Statements Addressed and Whether they are Underpinning Targets Corresponding with Standards and Whether they are Knowledge, Reasoning, Performance Skill, or Knowledge, Reasoning, Performance Skill, or Product: Product: "I can.....", "Students Will Be Able To......" (DOK1) (DOK2)(DOK3) (DOK4) The relative patterns of motions and positions of the Earth, The students can explain that the Earth and its solar ٠ moon and sun cause solar and lunar eclipses, tides and system are a part the Milky Way Galaxy, which are a phases of the moon. part of the universe. R (DOK 2) The students can construct a model that represents the