



Gulfport School District QUARTER 1.1 BLUEPRINT

ENVIRONMENTAL SCIENCE

Content Strands: Inquiry (I), Earth and Space (E), Field Experiences (F)		
QTR	Competency/Objective	
Apply inquiry-based and problem-solving processes and skills to scientific investigations.		
1.1	1a	Conduct a scientific investigation demonstrating safe procedures and proper care of laboratory equipment. (DOK 2) <ul style="list-style-type: none"> • Safety rules and symbols • Proper use and care of the compound light microscope, slides, chemicals, etc. • Accuracy and precision in using graduated cylinders, balances, beakers, thermometers, and rulers.
1.1	1b	Formulate questions that can be answered through research and experimental design. (DOK 3)
1.1	1c	Apply the components of scientific processes and methods in classroom and laboratory investigations (e.g., hypotheses, experimental design, observations, data analyses, interpretations, theory development). (DOK 3)
1.1	1d	Construct and analyze graphs (e.g., plotting points, labeling x-and y-axis, creating appropriate titles and legends for circle, bar, and line graphs). (DOK 2)