

WEEK OF August 29-September 2, 2022

COURSE: 10th Grade/Physical Science		TEACHER: Arleshia . Turner		PERIODS: 4		
	OBJECTIVES	ACTIVITIES	MATERIALS	HOMEWORK	ASSESSMENT	STANDARDS
M O N	<p>Prerequisite Skills</p> <p>ACT Quality Core:</p> <p>f. Safely use laboratory equipment and techniques when conducting scientific investigations.</p>	<p>GEN BR: Variables questions</p> <p>ADV BR: Variables questions</p> <p>Students will:</p> <p>GEN: Review and correct Study Guide; play a game to review for test; organize notebook</p> <p>Test-Tomorrow</p> <p>SI units, Scientific method, and conversions.</p>	<p>Study Guide</p> <p>E3/A+ Checkpoint NOS.4</p> <p>Variables Activity</p> <p>Interpreting Data & Drawing Conclusions</p> <p>Scientific Process Skills</p> <p>Circuit</p>	<p>Finish any unfinished classwork</p> <p>GEN: Review for NOS Test Tuesday; organize NB for NB Test Wednesday</p> <p>Review for NOS Test Tuesday; y</p>	<p>Participation; Checkpoint</p>	<p>Prerequisite Skills</p> <p>ACT Quality Core:</p> <p>f. Safely use laboratory equipment and techniques when conducting scientific investigations.</p>
T U E S	<p>Demonstrate understanding and knowledge of the nature of science unit.</p>	<p>GEN BR: Scientific Method questions</p> <p>ADV BR: Scientific Method questions</p> <p>Students will:</p> <p>GEN: Complete Nature of Science Unit Test; organize notebook for NB Test tomorrow.</p> <p>ADV: Complete Checkpoint NOS.5; play review game for Unit test tomorrow.</p>	<p>Nature of Science Unit Test</p> <p>E3/A+ Checkpoint NOS.5</p> <p>Kahoot</p>	<p>Finish any unfinished classwork</p> <p>GEN: Organize NB for NB Test Wednesday</p> <p>ADV: Review for NOS Test Wednesday; organize NB for NB Test Thursday</p>	<p>Participation; Test; Checkpoint</p>	<p>Prerequisite Skills</p> <p>ACT Quality Core:</p> <p>f. Safely use laboratory equipment and techniques when conducting scientific investigations.</p>
W E D	<p>Demonstrate understanding and knowledge of the nature of science unit.</p> <p>Demonstrate organizational skills.</p>	<p>GEN BR: Hypothesis questions</p> <p>ADV BR: Lab equipment questions</p> <p>Students will:</p>	<p>Nature of Science NB Test</p> <p>Science-8 Pre-Test</p> <p>NOS Unit Test</p>	<p>Finish any unfinished classwork</p> <p>ADV: Organize NB for NB Test Thursday</p>	<p>Participation; NB Test; NOS Unit Test</p>	

		<p>GEN: Complete Nature of Science NB Test; complete Science-8 Pre-Test; make a new title page for Matter Unit.</p> <p>ADV: Complete NOS Unit Test; organize NB for NOS NB Test tomorrow.</p>				
THURS	<p>Define matter and classify descriptions as matter or nonmatter.</p> <p>Differentiate states of matter based on molecular structure.</p> <p>Describe properties of each state of matter.</p> <p>Describe how the addition or removal of thermal energy affects the state of matter.</p> <p>Demonstrate organizational skills.</p>	<p>GEN BR: Lab equipment questions</p> <p>ADV BR: Scientific Method questions</p> <p>Students will:</p> <p>GEN: Define Ch.8 Lessons 1 & 2 vocabulary words; watch Crash Course video: What's Matter?; Why Does Matter Matter?; begin PhET Simulation - States of Matter Basics.</p> <p>From Access/Franchise</p>	<p>McGraw Hill textbook - Ch.8 Lessons 1 & 2</p> <p>Crash Course video - What's Matter</p> <p>Why Does Matter Matter?</p> <p>PhET Simulation</p> <p>NOS NB Test</p> <p>Science-8 Pre-Test</p>	Finish any unfinished classwork	Participation; NB Test	<p>ACOS:</p> <p>2. Plan and carry out investigations to generate evidence supporting the claim that one pure substance can be distinguished from another based on characteristic properties.</p> <p>4. Design and conduct an experiment to determine change in particle motion, temperature, and state of a pure substance when thermal energy is added or removed.</p> <p>5. Observe and analyze characteristic properties of substances before and after the substances combine to determine if a chemical reaction has occurred.</p>
FRIDAY	<p>Define matter and classify descriptions as matter or nonmatter.</p> <p>Differentiate states of matter based on molecular structure.</p> <p>Describe properties of each state of matter.</p> <p>Describe how the addition or removal of thermal energy affects the state of matter.</p>	<p>GEN BR: Scientific Method questions</p> <p>ADV BR: Review questions</p> <p>Students will:</p> <p>GEN: Finish PhET Simulation - States of Matter; complete States of Matter Doodle Notes; States of Matter Venn Diagram. Review NOS Test.</p> <p>ADV: Read Matter Article & answer</p>	<p>PhET Simulation</p> <p>States of Matter Doodle Notes</p> <p>States of Matter Venn Diagram</p> <p>Matter Article</p> <p>Crash Course video - What's Matter</p> <p>E3/A+ Unit 1 notes</p>	Finish any unfinished classwork	Participation	<p>ACOS:</p> <p>2. Plan and carry out investigations to generate evidence supporting the claim that one pure substance can be distinguished from another based on characteristic properties.</p> <p>4. Design and conduct an experiment to determine change in particle motion, temperature, and state of a pure substance when thermal energy is added or removed.</p> <p>5. Observe and analyze characteristic properties of</p>

		questions; watch Crash Course video: What's Matter?; complete Unit 1 notes p.1.				substances before and after the substances combine to determine if a chemical reaction has occurred.
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