

## WEEK OF September 18-22, 2023

COURSE: 8th Grade ADV & GEN Science		TEACHER: Turner		PERIODS: 1, 2, 3, 4, 6		
	OBJECTIVES	ACTIVITIES	MATERIALS	HOMEWORK	ASSESSMENT	STANDARDS
MON	Review Matter unit objectives.	<p><b>GEN BR:</b> Review questions</p> <p><b>ADV BR:</b> Review questions</p> <p><b>Students will:</b></p> <p><b>GEN:</b> Complete Matter Unit Study Guide.</p> <p><b>ADV:</b> Complete Odd One Out: Physical &amp; Chemical Changes; complete Physical &amp; Chemical Properties &amp; Changes sheet; Exploring Density; complete Mass, Volume or Density? Sheet.</p>	<p>Matter Unit Study Guide</p> <p>Odd One Out: Physical &amp; Chemical Changes</p> <p>Physical &amp; Chemical Properties &amp; Changes sheet</p> <p>Exploring Density</p> <p>Mass, Volume or Density?</p>	<p>Finish any unfinished classwork</p> <p><b>GEN: Study for Matter Unit Test Wednesday; organize NB for Test Thursday</b></p> <p><b>ADV: Study for Unit 1 Test Friday; organize NB for test Monday</b></p>	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 substances before and after the substances combine to determine if a chemical reaction has occurred.</p>
TUES	Review Matter unit objectives.	<p><b>GEN BR:</b> Review questions</p> <p><b>ADV BR:</b> Review questions</p> <p><b>Students will:</b></p> <p><b>GEN:</b> Correct Study Guide &amp; play a review game for test.</p> <p><b>ADV:</b> Complete Density Maze; complete Physical &amp; Chemical Task Cards; complete Physical &amp; Chemical Changes color sheet.</p>	<p>Matter Unit Study Guide</p> <p>Density Maze</p> <p>Physical &amp; Chemical Task Cards</p> <p>Physical &amp; Chemical Changes color sheet</p>	<p>Finish any unfinished classwork</p> <p><b>GEN: Study for Matter Unit Test Wednesday; organize NB for Test Thursday</b></p> <p><b>ADV: Study for Unit 1 Test Friday; organize NB for test Monday</b></p>	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 substances before and after the substances combine to determine if a chemical reaction has occurred.</p>

W E D	<p>Review Matter unit objectives.</p> <p>Demonstrate knowledge of the matter unit.</p>	<p><b>GEN BR:</b> Review questions</p> <p><b>ADV BR:</b> Review questions</p> <p><b>Students will:</b></p> <p><b>GEN:</b> Complete Matter Unit Test; organize NB for NB test tomorrow.</p> <p><b>ADV:</b> Complete Checkpoint 1.4; review &amp; grade work from Monday &amp; Tuesday.</p>	<p>Matter Unit Test</p> <p>E3/A+</p> <p>Checkpoint 1.4</p>	<p>Finish any unfinished classwork</p> <p><b>GEN: organize NB for Test Thursday</b></p> <p><b>ADV: Study for Unit 1 Test; organize NB for test Monday Friday</b></p>	<p>Participation; test</p>	<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>
T H U R S	<p>Review Matter unit objectives.</p> <p>Demonstrate organizational skills.</p>	<p><b>GEN BR:</b> Review questions</p> <p><b>ADV BR:</b> Review questions</p> <p><b>Students will:</b></p> <p><b>GEN:</b> Complete Matter Notebook Test; make a new title page &amp; table of contents for Atoms unit; complete vocabulary for Ch.9 Lessons 1-2 &amp; Ch.10 Lessons 1-3.</p> <p><b>ADV:</b> Complete Checkpoint 1.5; review for Unit 1 Test.</p>	<p>Matter Unit Notebook Test</p> <p>McGraw-Hill Physical Science textbook</p> <p>E3/A+</p> <p>Checkpoint 1.5</p> <p>Kahoot review</p>	<p>Finish any unfinished classwork</p> <p><b>ADV: Study for Unit 1 Test Friday; organize NB for test Monday</b></p>	<p>Participation; NB test</p>	<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>

<p><b>F</b> <b>R</b> <b>I</b></p>	<p>Demonstrate knowledge of Unit 1.</p> <p>Discuss different scientists and their contribution to the atomic theory.</p> <p>Differentiate between atomic discoveries, who made the discovery, and when the discovery occurred.</p>	<p><b>GEN BR:</b> Review questions <b>ADV BR:</b> Endothermic &amp; exothermic questions <b>Students will:</b> <b>GEN:</b> Watch videos Just How Small is an Atom? &amp; TED Talk - 24,000 Year Search for the Atom; complete Atomic Theory Timeline. <b>ADV:</b> Complete Checkpoint 1.6; complete Unit 1 Test; organize NB for test Monday.</p>	<p>Just How Small is an Atom? Video</p> <p>TED Talk - 24,000 Year Search for the Atom video</p> <p>Unit 1 Test</p> <p>E3/A+ Checkpoint 1.6</p>	<p>Finish any unfinished classwork</p> <p><b>ADV: organize</b> <b>NB for test</b> <b>Monday</b></p>	<p>Participation; test</p>	<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>
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