Plans may change

WEEK OF September 16-20th, 2024

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.	**GEN BR**: Review questions **ADV BR:**Review questions **Students will:** **GEN:** Complete Matter Unit Study Guide. **ADV:** Complete Odd One Out: Physical & Chemical Changes; complete Physical & Chemical Properties & Changes sheet; Exploring Density; complete Mass, Volume or Density? Sheet.	Matter Unit Study Guide Odd One Out: Physical & Chemical Changes Physical & Chemical Properties & Changes sheet Exploring Density Mass, Volume or Density?	Finish any unfinished classwork **GEN: Study for Matter Unit Test Wednesday; organize NB for Test Thursday** **ADV: Study for Unit 1 Test Friday; organize NB for test Monday**	Participation	ACOS: 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. 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. 5. Observe and analyze characteristic properties of substances before and after the substances combine to determine if a chemical reaction has occurred.
TUES	Review Matter unit objectives.	**GEN BR**: Review questions **ADV BR:** Review questions **Students will:** **GEN:** Correct Study Guide & play a review game for test. **ADV:** Complete Density Maze; complete Physical & Chemical Task Cards; complete Physical & Chemical Changes color sheet.	Matter Unit Study Guide Density Maze Physical & Chemical Task Cards Physical & Chemical Changes color sheet	Finish any unfinished classwork **GEN: Study for Matter Unit Test Wednesday; organize NB for Test Thursday** **ADV: Study for Unit 1 Test Friday; organize NB for test Monday**	Participation	ACOS: 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. 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. 5. Observe and analyze characteristic properties of substances before and after the substances combine to determine if a chemical reaction has occurred.

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WED	Review Matter unit objectives. Demonstrate knowledge of the matter unit.	**GEN BR:** Review questions **ADV BR:** Review questions **Students will:** **GEN:** Complete Matter Unit Test; organize NB for NB test tomorrow. **ADV:** Complete Checkpoint 1.4; review & grade work from Monday & Tuesday.	Matter Unit Test E3/A+ Checkpoint 1.4	Finish any unfinished classwork **GEN: organize NB for Test Thursday** **ADV: Study for Unit 1 Test; organize NB for test Monday** **Friday**	Participation; test	ACOS: 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. 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. 5. Observe and analyze characteristic properties of substances before and after the substances combine to determine if a chemical reaction has occurred.
THURS	Review Matter unit objectives. Demonstrate organizational skills.	**GEN BR:** Review questions **ADV BR:** Review questions **Students will:** **GEN:** Complete Matter Notebook Test; make a new title page & table of contents for Atoms unit; complete vocabulary for Ch.9 Lessons 1-2 & Ch.10 Lessons 1-3. **ADV:** Complete Checkpoint 1.5; review for Unit 1 Test.	Matter Unit Notebook Test McGraw-Hill Physical Science textbook E3/A+ Checkpoint 1.5 Kahoot review	Finish any unfinished classwork **ADV: Study for Unit 1 Test Friday; organize NB for test Monday**	Participation; NB test	ACOS: 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. 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. 5. Observe and analyze characteristic properties of substances before and after the substances combine to determine if a chemical reaction has occurred.

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F R I	Demonstrate knowledge of Unit 1. Discuss different scientists and their contribution to the atomic theory. Differentiate between atomic discoveries, who made the discovery, and when the discovery occurred.	**GEN BR:** Review questions **ADV BR:** Endothermic & exothermic questions **Students will:** **GEN:** Watch videos Just How Small is an Atom? & TED Talk - 24,000 Year Search for the Atom; complete Atomic Theory Timeline. **ADV:** Complete Checkpoint 1.6; complete Unit 1 Test; organize NB for test Monday.	Just How Small is an Atom? Video TED Talk - 24,000 Year Search for the Atom video Unit 1 Test E3/A+ Checkpoint 1.6	Finish any unfinished classwork **ADV: organize NB for test Monday**	Participation; test	ACOS: 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. 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. 5. Observe and analyze characteristic properties of substances before and after the substances combine to determine if a chemical reaction has occurred.