

# WEEK OF Mar. 15 - 19, 2021

GRAY

COURSE: 8th Grade ADV & GEN Science		TEACHER: Bette Cobb		PERIODS: 5		
	OBJECTIVES	ACTIVITIES	MATERIALS	HOMEWORK	ASSESSMENT	STANDARDS
MON 3-5	<p>Demonstrate knowledge of energy.</p> <p>Describe energy efficiency.</p> <p>Differentiate between theoretical and actual efficiency.</p>	<p><b>GEN BR:</b> Complete energy transformation questions</p> <p><b>ADV BR:</b> Complete energy transformation questions</p> <p><b>Students will:</b> <b>GEN:</b> Review; complete Energy Unit test; make a new title page &amp; table of contents for Electricity &amp; Magnetism; define Ch.19 and Ch.20 Lesson 1 &amp; 3 vocabulary; watch Bill Nye - Electricity video and complete worksheet.</p> <p><b>ADV:</b> Complete Checkpoint 6.3; discuss Unit 6 notes p.10 - Energy Efficiency; calculate Energy Efficiency; complete Energy Around the Room Circuit; complete Energy Task Cards; review for Unit 6 Test.</p>	<p>Energy Unit Test</p> <p>Bill Nye - Electricity Video and worksheet</p> <p>E3 Checkpoint 6.3</p> <p>Energy Efficiency</p> <p>Energy Around the Room Circuit</p> <p>Energy Task Cards</p>	<p><b>Finish any unfinished classwork</b></p> <p><b>ADV: Study for Test</b></p>	<p>Test; participation</p>	<p>ACOS:</p> <p>13. Create &amp; analyze graphical displays of data to illustrate the relationships of kinetic energy to the mass and speed of an object.</p> <p>14. Use models to construct an explanation of how a system of objects may contain varying types and amounts of potential energy.</p> <p>15. Analyze &amp; interpret data from experiments to determine how various factors affect energy transfer as measured by temperature.</p> <p>16. Apply the law of conservation energy to develop arguments supporting the claim that when the kinetic energy of an object changes, energy is transferred to or from the object.</p>

<p>W E D 3 - 1 7</p>	<p>Describe electric and magnetic forces.</p> <p>Identify the parts of a circuit.</p> <p>Differentiate between an open and a closed circuit.</p> <p>Differentiate between a series and a parallel circuit.</p> <p>Demonstrate knowledge of energy.</p>	<p><b>GEN BR:</b> Complete energy transformation questions</p> <p><b>ADV BR:</b> Complete efficiency questions.</p> <p><b>Students will:</b></p> <p><b>GEN:</b> Complete Electricity &amp; Magnetism guided notes using PPT; complete Open &amp; Closed Circuits; complete Will it Light?; complete Series &amp; Parallel Circuits; complete Series &amp; Parallel worksheet.</p> <p><b>ADV:</b> Complete Checkpoint 6.4; review; complete Unit 6 Test; make a new title page &amp; table of contents for Electricity &amp; Magnetism; watch Bill Nye - Electricity video &amp; complete worksheet.</p>	<p>Electricity &amp; Magnetism guided notes &amp; PPT</p> <p>Open &amp; Closed Circuits</p> <p>Will it Light?</p> <p>Series &amp; Parallel Circuits</p> <p>Series &amp; Parallel Circuits Worksheet</p> <p>E3 Checkpoint 6.4</p> <p>Unit 6 Test</p> <p>Bill Nye - Electricity Video &amp; worksheet</p>	<p><b>Finish any unfinished classwork</b></p>	<p>Participation; Checkpoint; Test</p>	<p>ACOS:</p> <p>13. Create &amp; analyze graphical displays of data to illustrate the relationships of kinetic energy to the mass and speed of an object.</p> <p>14. Use models to construct an explanation of how a system of objects may contain varying types and amounts of potential energy.</p> <p>15. Analyze &amp; interpret data from experiments to determine how various factors affect energy transfer as measured by temperature.</p> <p>16. Apply the law of conservation energy to develop arguments supporting the claim that when the kinetic energy of an object changes, energy is transferred to or from the object.</p>
<p>F R I 3 - 1 9</p>	<p>Calculate Ohm's Law.</p> <p>Describe electromagnetism and how to make an electromagnet.</p> <p>Describe electric and magnetic forces.</p> <p>Identify the parts of a circuit.</p> <p>Differentiate between an open and a closed circuit.</p> <p>Differentiate between a series and a parallel circuit.</p>	<p><b>GEN BR:</b> Complete Will it Light questions.</p> <p><b>ADV BR:</b> Complete electricity questions.</p> <p><b>Students will:</b></p> <p><b>GEN:</b> Complete Ohm's Law practice sheet; read Electricity article &amp; complete questions; read Magnetism article &amp; complete questions; watch Electricity &amp; Magnetism video; complete Electricity Graded assignment; complete</p>	<p>Ohm's Law practice sheet</p> <p>Electricity article &amp; questions</p> <p>Magnetism article &amp; questions</p> <p>Electricity Graded assignment</p> <p>Magnetism Graded assignment</p> <p>Electricity &amp; Magnetism guided notes &amp; PPT</p> <p>Open &amp; Closed Circuits</p> <p>Will it Light?</p>	<p><b>Finish any unfinished classwork</b></p>	<p>Schoology assignments; participation</p>	<p>ACOS:</p> <p>13. Create &amp; analyze graphical displays of data to illustrate the relationships of kinetic energy to the mass and speed of an object.</p> <p>14. Use models to construct an explanation of how a system of objects may contain varying types and amounts of potential energy.</p> <p>15. Analyze &amp; interpret data from experiments to determine how various factors affect energy transfer as measured by temperature.</p> <p>16. Apply the law of conservation energy to</p>

		<p>Magnetism Graded assignment.</p> <p><b>ADV:</b> Complete Electricity &amp; Magnetism guided notes using PPT; complete Open &amp; Closed Circuits; complete Will it Light?; complete Series &amp; Parallel Circuits; complete Series &amp; Parallel worksheet.</p>	<p>Series &amp; Parallel Circuits</p> <p>Series &amp; Parallel Circuits Worksheet</p>			<p>develop arguments supporting the claim that when the kinetic energy of an object changes, energy is transferred to or from the object.</p>
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## CARDINAL

**COURSE:** 8th Grade ADV & GEN Science      **TEACHER:** Stacie Pruitt      **PERIODS:** 2, 4, 6

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