

Plans may be a day or two behind due to the snow days....

WEEK OF Feb 3rd-- February 7th, 2025

COURSE: 8th Grade ADV Science		TEACHER: Turner		PERIODS: 1, 3, 4, 5, 6		
	OBJECTIVES	ACTIVITIES	MATERIALS	HOMEWORK	ASSESSMENT	STANDARDS
MON	<p>Calculate force, mass, or acceleration using 2nd law formula.</p> <p>Define Newton's 3rd law of motion.</p> <p>Demonstrate Newton's 3rd law of motion.</p> <p>Describe the Law of Conservation of Momentum.</p> <p>Explain & demonstrate how momentum is conserved in collisions.</p> <p>Differentiate between elastic & inelastic collisions.</p>	<p>GEN BR: 3rd law questions</p> <p>ADV BR: Newton's Laws questions</p> <p>Students will:</p> <p>GEN: Discuss the conservation of momentum in collisions; discuss the difference between elastic & inelastic collisions; calculate momentum of an object & of objects in a collision; complete Collisions Worksheet & Newton's Laws Sort</p> <p>ADV: Complete 2nd Law Practice Problems; discuss Unit 5 notes p.17 - Newton's 3rd Law, momentum, law of conservation of momentum, elastic & inelastic collisions; begin 3rd Law Stations lab; Momentum worksheet for HW.</p>	<p>Collisions Worksheet</p> <p>Newton's Laws Sort</p> <p>2nd Law Practice Problems</p> <p>E3/A+ Unit 5 Notes</p> <p>3rd Law Stations lab</p> <p>Momentum worksheet</p>	<p>Finish any unfinished classwork</p> <p>GEN: Review for Newton's Laws test</p> <p>ADV: Review for Unit 5 Part 2 Test</p>	<p>Participation; lab</p>	<p>ACOS:</p> <p>8. Use Newton's first law to demonstrate & explain that an object is either at rest or moves at a constant velocity unless acted upon by an external force.</p> <p>9. Use Newton's second law to demonstrate & explain how changes in an object's motion depend on the sum of the external forces on the object & the mass of the object.</p> <p>10. Use Newton's third law to design a model to demonstrate and explain the resulting motion of two colliding objects.</p> <p>12. Construct an argument from evidence explaining that fields exist between objects exerting forces on each other even when the objects are not in contact.</p>

Plans may be a day or two behind due to the snow days....

<p>T U E S</p>	<p>Define Newton's 3rd law of motion. Demonstrate Newton's 3rd law of motion. Describe the Law of Conservation of Momentum. Explain & demonstrate how momentum is conserved in collisions. Differentiate between elastic & inelastic collisions. Review Newton's 3 Laws</p>	<p>GEN BR: Review questions ADV BR: Momentum questions Students will: GEN: Complete Around the Room Circuit; complete Newton's Laws Escape Room; begin working on Newton's Laws Study Guide. ADV: Review Momentum worksheet; complete Checkpoint 5.8; finish 3rd Law stations lab; complete Newton's Laws Sort; complete Around the Room circuit.</p>	<p>Around the Room Circuit Newton's Laws Escape Room Newton's Laws Study Guide E3/A+ Checkpoint 5.8 3rd Law stations lab Newton's Laws Sort</p>	<p>Finish any unfinished classwork GEN: Review for Newton's Laws test Thursday & organize NB for test Friday.</p>	<p>Participation; lab</p>	<p>ACOS: 8. Use Newton's first law to demonstrate & explain that an object is either at rest or moves at a constant velocity unless acted upon by an external force. 9. Use Newton's second law to demonstrate & explain how changes in an object's motion depend on the sum of the external forces on the object & the mass of the object. 10. Uaw Newton's third law to design a model to demonstrate and explain the resulting motion of two colliding objects. 12. Construct an argument from evidence explaining that fields exist between objects exerting forces on each other even when the objects are not in contact.</p>
<p>W E D</p>	<p>Review Newton's Laws objectives</p>	<p>GEN BR: Review questions ADV BR: Review questions Students will: GEN: Complete Vocab quiz; correct Newton's Laws Study Guide; review for Newton's Laws test tomorrow. ADV: Finish circuit; complete Newton's Laws Escape Room; review for Unit 5 Part 2 test tomorrow.</p>	<p>Vocab Quiz Newton's Laws Study Guide Around the Room Circuit Newton's Laws Escape Room</p>	<p>Finish any unfinished classwork GEN: Review for Newton's Laws test ADV: Review for Unit 5 Part 2 Test .</p>	<p>Participation;</p>	<p>ACOS: 8. Use Newton's first law to demonstrate & explain that an object is either at rest or moves at a constant velocity unless acted upon by an external force. 9. Use Newton's second law to demonstrate & explain how changes in an object's motion depend on the sum of the external forces on the object & the mass of the object. 10. Uaw Newton's third law to design a model to demonstrate and explain the resulting motion of two colliding objects. 12. Construct an argument from evidence explaining that fields</p>

Plans may be a day or two behind due to the snow days....

						exist between objects exerting forces on each other even when the objects are not in contact.
T H U R S	Demonstrate knowledge of Newton's Laws of Motion.	<p>GEN BR: Review questions</p> <p>ADV BR: Review questions</p> <p>Students will:</p> <p>GEN: Complete Newton's Law Test; organize NB for NB test tomorrow.</p> <p>ADV: Complete Unit 5 Part 2 Test; organize NB for Unit 5 NB test tomorrow.</p>	<p>Newton's Laws Test</p> <p>Unit 5 Part 2 Test</p>	<p>Finish any unfinished classwork</p> <p>GEN: Organize NB for test Friday.</p> <p>ADV: Organize for NB test Friday.</p>	Test	<p>ACOS:</p> <p>8. Use Newton's first law to demonstrate & explain that an object is either at rest or moves at a constant velocity unless acted upon by an external force.</p> <p>9. Use Newton's second law to demonstrate & explain how changes in an object's motion depend on the sum of the external forces on the object & the mass of the object.</p> <p>10. Uaw Newton's third law to design a model to demonstrate and explain the resulting motion of two colliding objects.</p> <p>12. Construct an argument from evidence explaining that fields exist between objects exerting forces on each other even when the objects are not in contact.</p>
F R I	Demonstrate organizational skills.	<p>GEN BR: Review questions</p> <p>ADV BR: Review questions</p> <p>Students will:</p> <p>GEN: Complete Newton's Laws NB Test; make a new title page & table of contents for Energy unit; complete vocabulary for Ch. 3 Lesson 1 & Ch. 5 Lesson 2.</p> <p>ADV: Complete Unit 5 NB Test;</p>	<p>Newton's Laws NB Test</p> <p>Unit 5 NB Test</p>	Finish any unfinished classwork	NB Test	<p>ACOS:</p> <p>8. Use Newton's first law to demonstrate & explain that an object is either at rest or moves at a constant velocity unless acted upon by an external force.</p> <p>9. Use Newton's second law to demonstrate & explain how changes in an object's motion depend on the sum of the external forces on the object & the mass of the object.</p> <p>10. Uaw Newton's third law to design a model to demonstrate and explain</p>

Plans may be a day or two behind due to the snow days....

		make a new title page & table of contents for Unit 6 - Energy.				the resulting motion of two colliding objects. 12. Construct an argument from evidence explaining that fields exist between objects exerting forces on each other even when the objects are not in contact.
--	--	--	--	--	--	--