

		<p>assessment.</p> <p>ADV: Complete Newton's 2nd Law Guided notes using PPT; complete 2nd Law Practice Problems; complete Kesler stations; complete Newton's 3rd Law Guided notes using PPT; complete Kesler stations; complete PhET Collision Lab; complete Newton's 2nd & 3rd Law Schoology assessment; complete Newton's Laws of Motion card sort; complete Schoology 3 Laws assessment.</p>				each other even when the objects are not in contact.
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GRAY

COURSE: 8th Grade ADV & GEN Science		TEACHER: Bette Cobb		PERIODS: 5		
	OBJECTIVES	ACTIVITIES	MATERIALS	HOMEWORK	ASSESSMENT	STANDARDS
T U E S 2 - 2 3	<p>Describe and state Newton's 1st Law of Motion.</p> <p>Describe and state Newton's 2nd Law of Motion.</p> <p>Calculate the force needed to accelerate a mass using Newton's 2nd Law equation.</p>	<p>GEN BR: Complete Newton's 1st Law questions</p> <p>ADV BR: Complete Newton's 1st Law questions</p> <p>Students will:</p> <p>GEN: Complete Newton's 2nd Law Guided notes using PPT; complete 2nd Law Practice Problems; complete Kesler stations; watch Science of Hockey or Golf - 2nd Law videos; complete Newton's 3rd Law Guided notes using PPT; complete Kesler stations; watch Science of Hockey or Golf - 3rd Law videos; complete</p>	<p>Newton's 2nd Law guided notes & PPT</p> <p>Newton's 3rd Law guided notes & PPT</p> <p>Newton's 2nd & 3rd Law Schoology assessment</p> <p>Bungee Barbie Lab</p> <p>Newton's 1st Law guided notes & PPT</p> <p>Newton's 1st Law Schoology assessment</p>	<p>Finish any unfinished classwork</p>	<p>Participation; Schoology assignment; 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>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>Newton's 2nd & 3rd Law Schoology assessment.</p> <p>ADV: Finish Bungee Barbie Lab; complete Newton's 1st Law guided notes using PPT; complete Kesler stations; complete Schoology 1st Law assessment.</p>				
<p>T H U R 2 - 2 5</p>	<p>Describe and state Newton's 3rd Law of Motion.</p> <p>Describe the Law of Conservation of Momentum.</p> <p>Demonstrate the conservation of momentum through simulation.</p> <p>Calculate the momentum of an object.</p>	<p>GEN BR: Complete Newton's 2nd Law questions</p> <p>ADV BR: Complete Newton's 2nd Law</p> <p>Students will:</p> <p>GEN: Complete Momentum Practice Problems; complete PhET Collision Lab; complete Newton's Laws of Motion card sort; complete Newton's 3 Laws Schoology assessment.</p> <p>ADV: Complete Newton's 2nd Law Guided notes using PPT; complete 2nd Law Practice Problems; complete Kesler stations; complete Newton's 3rd Law Guided notes using PPT; complete Kesler stations; complete PhET Collision Lab; complete Newton's 2nd & 3rd Law Schoology assessment; complete Newton's Laws of Motion card sort; complete Schoology 3 Laws assessment.</p>	<p>Momentum Practice Problems</p> <p>PhET Collision Lab</p> <p>Newton's Laws of Motion card sort</p> <p>Newton's 2nd & 3rd Law Schoology assessment</p> <p>Newton's 3 Laws Schoology assessment</p>	<p>Finish any unfinished classwork</p>	<p>Participation; PhET lab; Schoology assessments</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>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>