Teacher(s): Gainous/Pruitt	Date: 10/17 Day 1
Standards:	S8P2. Obtain, evaluate, and communicate information about the law of conservation of energy to develop arguments that energy can transform from one form to another within a system.
Learning Target:	I can explain the relationship between potential and kinetic energies so that I can describe what happens to the amount of energy when you ride a roller coaster.
Success Criteria:	 Define potential and kinetic energy using one word each Define what a Joule is Describe how to increase amounts of potential and kinetic energy Draw a model that shows amounts of potential and kinetic energy changing Define the Law of Conservation of Energy Describe what happens to the amounts of potential and kinetic energy when riding down a hill, and what happens to the total amount Add and subtract to determine the amount of energy in a system
Activity(ies)/Assig nment with Text and/or Links:	Kesler Inquiry Lab

Teacher(s): Gainous/Pruitt	Date: 10/18 Day 2 (TEEN CENTER)
Standards:	S8P2. Obtain, evaluate, and communicate information about the law of conservation of energy to develop arguments that energy can transform from one form to another within a system.
Learning Target:	I can explain the relationship between potential and kinetic energies so that I can describe what happens to the amount of energy when you ride a roller coaster.
Success Criteria:	Define potential and kinetic energy using one word each

	 Define what a Joule is Describe how to increase amounts of potential and kinetic energy Draw a model that shows amounts of potential and kinetic energy changing Define the Law of Conservation of Energy Describe what happens to the amounts of potential and kinetic energy when riding down a hill, and what happens to the total amount Add and subtract to determine the amount of energy in a system
Activity(ies)/Assig nment with Text and/or Links:	Teen Center

Teacher(s): Gainous/Pruitt	Date: 10/21 Day 2: Potential and Kinetic Energy Notes
Standards:	S8P2. Obtain, evaluate, and communicate information about the law of conservation of energy to develop arguments that energy can transform from one form to another within a system.
Learning Target:	I can explain the relationship between potential and kinetic energy s that I can describe what happens to the amount of energy when you ride a roller coaster.
Success Criteria:	 Define potential and kinetic energy using one word each Define what a Joule is Describe how to increase amounts of potential and kinetic energy Draw a model that shows amounts of potential and kinetic energy changing Define the Law of Conservation of Energy Describe what happens to the amounts of potential and kinetic energy when riding down a hill, and what happens to the total amount Add and subtract to determine the amount of energy in a system
Activity(ies)/Assig nment with Text and/or Links:	 2023 Types of Energy Notes Unit 5 Notes Sheet.docx Energy Reading Passage

Teacher(s): Gainous/Pruitt	Date: 10/22 Day 3: Phet Lab: Energy Skate Park	
Standards:	S8P2. Obtain, evaluate, and communicate information about the law of conservation of energy to develop arguments that energy can transform from one form to another within a system.	
Learning Target:	I can explain the relationship between potential and kinetic energy s that I can describe what happens to the amount of energy when you ride a roller coaster.	
Success Criteria:	 Define potential and kinetic energy using one word each Define what a Joule is Describe how to increase amounts of potential and kinetic energy Draw a model that shows amounts of potential and kinetic energy changing Define the Law of Conservation of Energy Describe what happens to the amounts of potential and kinetic energy when riding down a hill, and what happens to the total amount Add and subtract to determine the amount of energy in a system 	
Activity(ies)/Assig nment with Text and/or Links:	 2023 Types of Energy Notes W Unit 5 Notes Sheet.docx Phet Lab Skate Park Phet Energy Lab Sheet 	

Teacher(s): Gainous/Pruitt	Date: 8/23	Day 6: Law of Conservation Practice Google Slides
Standards:	S8P2. Obtain, evaluate, and communicate information about the law of conservation of energy to develop arguments that energy can transform from one form to another within a system.	
Learning Target:	I can explain the relati describe what happen	onship between potential and kinetic energy s that I can s to the amount of energy when you ride a roller coaster.

Success Criteria:	 Define potential and kinetic energy using one word each Define what a Joule is Describe how to increase amounts of potential and kinetic energy Draw a model that shows amounts of potential and kinetic energy changing Define the Law of Conservation of Energy Describe what happens to the amounts of potential and kinetic energy when riding down a hill, and what happens to the total amount Add and subtract to determine the amount of energy in a system
Activity(ies)/Assig nment with Text and/or Links:	 2023 Types of Energy Notes Unit 5 Notes Sheet.docx Copy of Law of Conservation

Teacher(s): Gainous/Pruitt	Date: 8/24 Day 7: Sled Wars Gizmo	
Standards:	S8P2. Obtain, evaluate, and communicate information about the law of conservation of energy to develop arguments that energy can transform from one form to another within a system.	
Learning Target:	I can explain the relationship between potential and kinetic energy s that I can describe what happens to the amount of energy when you ride a roller coaster.	
Success Criteria:	 Define potential and kinetic energy using one word each Define what a Joule is Describe how to increase amounts of potential and kinetic energy Draw a model that shows amounts of potential and kinetic energy changing Define the Law of Conservation of Energy Describe what happens to the amounts of potential and kinetic energy when riding down a hill, and what happens to the total amount Add and subtract to determine the amount of energy in a system 	
Activity(ies)/Assig nment with Text and/or Links:	 2023 Types of Energy Notes W Unit 5 Notes Sheet.docx <u>Clever Link</u> E SledWars Gizmo 	

Teacher(s): Gainous/Gleaves	Date: 8/25 Day 8: Potential and Kinetic Energy Lab	
Standards:	S8P2. Obtain, evaluate, and communicate information about the law of conservation of energy to develop arguments that energy can transform from one form to another within a system.	
Learning Target:	I can explain the relationship between potential and kinetic energy s that I can describe what happens to the amount of energy when you ride a roller coaster.	
Success Criteria:	 Define potential and kinetic energy using one word each Define what a Joule is Describe how to increase amounts of potential and kinetic energy Draw a model that shows amounts of potential and kinetic energy changing Define the Law of Conservation of Energy Describe what happens to the amounts of potential and kinetic energy when riding down a hill, and what happens to the total amount Add and subtract to determine the amount of energy in a system 	
Activity(ies)/Assig nment with Text and/or Links:	 <u>Energy Lab</u> Using different size athletic balls, students will observe force, mass, speed, and energy in relation to different objects. 	

Teacher(s): Gainous/Pruitt	Date: 8/28 Day 9: Review For Test
Standards:	S8P2. Obtain, evaluate, and communicate information about the law of conservation of energy to develop arguments that energy can transform from one form to another within a system.
Learning Target:	I can explain the relationship between potential and kinetic energy s that I can describe what happens to the amount of energy when you ride a roller coaster.

Success Criteria:	 Define potential and kinetic energy using one word each Define what a Joule is Describe how to increase amounts of potential and kinetic energy Draw a model that shows amounts of potential and kinetic energy changing Define the Law of Conservation of Energy Describe what happens to the amounts of potential and kinetic energy when riding down a hill, and what happens to the total amount Add and subtract to determine the amount of energy in a system
Activity(ies)/Assig nment with Text and/or Links:	 Study Guide Gimkit Make-up work

Teacher(s): Gainous/Pruitt	Date: 8/29 Day 9: Test S8P2. Obtain, evaluate, and communicate information about the law of
	conservation of energy to develop arguments that energy can transform from one form to another within a system.
Learning Target:	I can explain the relationship between potential and kinetic energy s that I can describe what happens to the amount of energy when you ride a roller coaster.
Success Criteria:	 Define potential and kinetic energy using one word each Define what a Joule is Describe how to increase amounts of potential and kinetic energy Draw a model that shows amounts of potential and kinetic energy changing Define the Law of Conservation of Energy Describe what happens to the amounts of potential and kinetic energy when riding down a hill, and what happens to the total amount Add and subtract to determine the amount of energy in a system
Activity(ies)/Assig nment with Text and/or Links:	 Unit test on Unify