

Mr. Marley  
 Week: 5  
 August 18 - 22,, 2025  
 8th Grade Science  
 Virtue of the Month: August  
 Salubritas  
 (Healthiness, Wholesomeness)

	Instruction	Independent Practice, Assessment & Homework
Monday	<b><u>Warm-Up/Bell Work:</u></b>  <b><u>Objectives:</u></b> Review of Harnessing Human Energy for End of Unit Assessment <b><u>Ticket Out:</u></b>	
Tuesday	<b><u>Harnessing Human Energy Lesson 3.4 - End-of Unit Assessment</u></b>  <b><u>Objective:</u></b> Students will demonstrate their knowledge of the materials covered in Harnessing Human Energy Unit	
BLOCK	<b>Force and Motion Lesson 1.2</b>  <b><u>Objective- Direct Instruction-</u></b> Students conduct a hands-on investigation about how to change an object's motion (cause and effect). They are introduced to the idea that an object's motion needs to be described in terms of a specific frame of reference.  <b><u>Direct Instruction</u></b> - Force and Motion Lesson 1.2 - Describing Changes in Direction <a href="#">Force and Motion Lesson 1.2</a>  <b><u>Ticket Out:</u></b>	
Friday	<b><u>Warm-Up :</u></b>  <b><u>Objectives-</u></b> Students investigate by using a digital model and find evidence of forces that cause specific velocity changes (cause and effect).  <b><u>Objective- Direct Instruction-</u></b> Force & Motion Lesson 1.3: Investigation Direction of Force <a href="#">Force &amp; Motion Lesson 1.3</a>	

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**Physical Science** P1: All matter in the Universe is made of very small particles. P2: Objects can affect other objects at a distance. P3: Changing the movement of an object requires a net force to be acting on it. P4: The total amount of energy in a closed system is always the same but can be transferred from one energy store to another during an event. **Earth and Space Science** E1: The composition of the Earth and its atmosphere and the natural and human processes occurring within them shape the Earth's surface and its climate. E2: The Earth and our solar system are a very small part of one of many galaxies within the Universe. **Life Science** L1: Organisms are organized on a cellular basis and have a finite life span. L2: Organisms require a supply of energy and materials for which they often depend on, or compete with, other organisms. L3: Genetic information is passed down from one generation of organisms to another. L4: The unity and diversity of organisms, living and extinct, is the result of evolution. **General Science** U1: Scientists explain phenomena using evidence obtained from observations and or scientific investigations. Evidence may lead to developing models and or theories to make sense of phenomena. As new evidence is discovered, models and theories can be revised. U2: The knowledge produced by science is used in engineering and technologies to solve problems and/or create products. U3: Applications of science often have both positive and negative ethical, social, economic, and/or political implications.