

## Essentials of Physics

Teacher: Tim Gariglio

Building: Grayling High School

Month	Benchmarks	Assignments/Assessments
September 8 days	<u>Chapter 10</u> P1.1 Scientific Inquiry P1.2 Scientific Reflections and Social Implications P4.12 Nuclear Reactions	
September 6 days	<u>Chapter 11</u> P1.1 Scientific Inquiry P1.2 Scientific Reflections and Social Implications P2.1 Time P2.2 Velocity P3.4 Forces and Acceleration	
September 4 days  October 6 days	<u>Chapter 12</u> P1.1 Scientific Inquiry P1.2 Scientific Reflections and Social Implications P3.1 Basic Forces in Nature P3.2 Net Forces P3.3 Newton's Third Law P3.6 Gravitational Interactions	
October 4 days	<u>Chapter 14</u> P1.1 Scientific Inquiry P1.2 Scientific Reflections and Social Implications P3.2C Calculating Net Forces	
October 12 days	<u>Chapter 15 &amp; 16</u> P1.1 Scientific Inquiry P1.2 Scientific Reflections and Social Implications P4.1 Energy Transfer P4.2 Energy Transformation P4.3 Kinetic and Potential Energy	

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October 3 days  November 4 days	<p style="text-align: center;"><u>Chapter 17</u></p> P1.1 Scientific Inquiry P1.2 Scientific Reflections and Social Implications P4.4 Wave Characteristics P4.5 Mechanical Wave Propagation P4.8 Wave Behavior – Reflection and Refraction	
November 6 days	<p style="text-align: center;"><u>Chapter 18</u></p> P1.1 Scientific Inquiry P1.2 Scientific Reflections and Social Implications P4.6 Electromagnetic Waves P4.9 Nature of Light	
November 8 days	<p style="text-align: center;"><u>Chapter 20</u></p> P1.1 Scientific Inquiry P1.2 Scientific Reflections and Social Implications P3.7 Electric Charges P4.10 Current Electricity – Circuits	