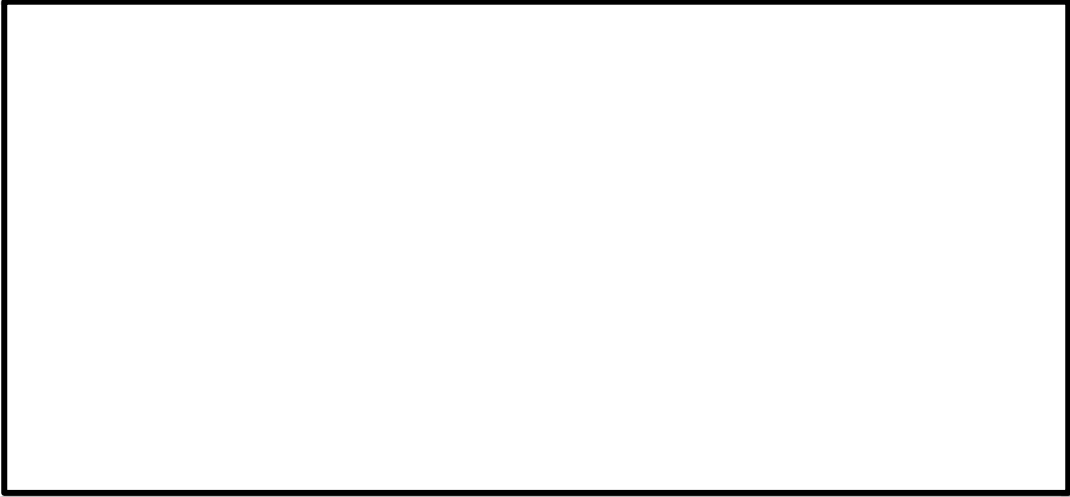


# Notes – Potential Energy

Potential Energy	The _____ energy of an object due to its _____.
Types of Potential Energy	<p>There are _____ main types of potential energy</p> <p>1. _____ – anything that acts like a _____ or rubber band.</p> <p>Pushing a _____ together creates a higher potential energy, or stretching a _____ to flip at your friend</p> <p>2. _____ – anything with _____ where the _____ can be broken</p> <p>Putting _____ in a car, _____ to make things work, even the _____ you eat.</p> <p>3. _____ – any object that can _____ because gravity _____ on it.</p> <p>_____ objects have more energy because they can fall further.</p> <p>Objects with more _____ have also have higher potential energy than low mass objects</p>
Examples of Gravitational Potential Energy	<p>A _____ in a _____</p> <p>_____ setting at the _____ of a ramp.</p> <p>A book sitting on a _____.</p>
When is Potential Energy the Highest?	<p>When the _____ is drawn</p> <p>At the _____ point of the pendulum swing.</p> <p>When the _____ ball is highest</p>

<p>Kinetic vs Potential Energy</p>	<p>Kinetic energy can be _____ to potential energy and then back again depending on the object's _____ and _____</p>
	<p>Draw the roller coaster and label where potential energy and kinetic energy are the highest and lowest.</p> 
	<p>Draw the example of the ball being thrown into the air and label where potential and kinetic energy are the highest and lowest.</p> 