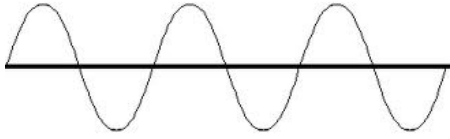





# Physical Systems Vocabulary

Term	What I THINK this word means	What I KNOW this word means
<b>Kinetic Energy</b>		Energy of motion
<b>Potential Energy</b>		Stored energy
<b>Velocity</b>		Speed with a directional component
<b>Speed</b>		Distance traveled per unit of time
<b>Friction</b>		The force that opposes motion
<b>Amplitude</b>		Wave height
<b>Wavelength</b>		Distance between waves
<b>Frequency</b>		Number of wavelengths that pass a certain point per second
<b>Transverse Wave</b>		
<b>Longitudinal Wave</b>		
<b>Crest</b>		Top of wave

<b>Trough</b>		Bottom of wave
<b>Medium</b>		Matter waves travel through
<b>Refraction</b>		Waves bend when pass through a medium
<b>Reflection</b>		waves hit an object and bounce off
<b>Diffraction</b>		Bending and spreading of waves through an opening
<b>Absorption</b>		Waves are taken in an changed to heat
<b>Digital</b>		 <span>discreet</span>
<b>Analog</b>		 <span>continuous</span>
<b>Signal</b>		Wave that is transmitted or received