



What is a wave?	A is a disturbance that moves through
	Waves do move ; they move .
How are waves made?	waves are created by Earthquakes send outdue to the Earth vibrating. You are able to speak because your cords vibrate.
Two Categories of Waves	waves waves
	Waves Electromagnetic Waves Waves Do not require a medium Waves Waves Waves Waves Sound waves Water waves
Electromagnetic Waves	Light of electromagnetic radiation to the human eye. light is composed of a number of wavelengths. Each wavelength is visible as a different
Mechanical Waves	Mechanical Waves- a wave that can only travel through a Medium that a wave through.
Types of Mechanical Waves	1
Transverse Waves	A in which moves at a angle to the direction the is Examples: 1 2

Parts of a Wave	 the point of a wave. Trough- The point of a wave.
	3 from one on a to the corresponding point on the wave.
Wavelength & Frequency	Frequency- The of wavelengths that pass a certain each second. Therefore, the the frequency, the the wavelength.
Wavelength & Energy	The the wavelength the the energy. The the wavelength the the energy.
Amplitude	4. Amplitude- The from the or to the midline of the wave amplitude.
Amplitude & Energy	The the amplitude, the the amount of
Draw and label a diagram of a transverse wave.	
Longitudinal or Compressional Waves	A in which the matter moves to the the energy in the travels. Example: is a longitudinal wave.
Draw and label a diagram of a longitudinal wave.	