WAVES

* A \_\_\_\_\_\_\_\_\_\_\_ is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that transfers energy \_\_\_\_\_\_\_\_\_\_\_\_\_ matter or \_\_\_\_\_\_\_\_\_\_\_\_\_.
* Examples would be \_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_
* Many waves require a \_\_\_\_\_\_\_\_\_\_\_\_\_\_ in order to \_\_\_\_\_\_\_\_\_\_\_\_\_ energy
* A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_that is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ by a \_\_\_\_\_\_\_\_\_\_\_\_.
* Sound waves require a \_\_\_\_\_\_\_\_\_\_\_\_, such as \_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_, or a solid \_\_\_\_\_\_\_\_\_\_\_\_\_, in order to reach your \_\_\_\_\_\_\_\_\_\_\_.
* Waves move \_\_\_\_\_\_\_\_\_\_\_\_\_\_ from their \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ position.
* The particles move \_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* After the wave passes, the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ return to their \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ position
* \_\_\_\_\_\_\_\_\_\_\_\_ waves and \_\_\_\_\_\_\_\_\_\_\_ waves, do not \_\_\_\_\_\_\_\_\_\_\_\_\_\_ a medium
* These waves belong to a group of \_\_\_\_\_\_\_\_\_\_\_\_ called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* Electromagnetic waves can \_\_\_\_\_\_\_\_\_\_\_\_\_ energy through \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.  
  Ex. \_\_\_\_\_\_\_\_\_\_\_\_\_ waves and \_\_\_\_\_\_\_\_\_\_\_\_\_ waves
* All waves have three \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in common:
  + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Amplitude is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ from the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ (resting position) of a wave to its \_\_\_\_\_\_\_\_\_\_, or \_\_\_\_\_\_\_\_\_\_, or to its \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, or \_\_\_\_\_\_\_\_\_\_\_\_\_.
  + Ex. Water wave and Sound wave
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the distance from \_\_\_\_\_\_\_ point on a wave to the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ point on the next \_\_\_\_\_\_\_\_\_\_\_.
* Waves with \_\_\_\_\_\_\_\_\_\_\_\_\_ wavelengths \_\_\_\_\_\_\_\_\_\_\_ more energy than waves with long \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_is the number of waves that \_\_\_\_\_\_\_\_\_\_ a given \_\_\_\_\_\_\_\_\_\_\_\_\_ in one \_\_\_\_\_\_\_\_\_\_\_\_.
* When \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ increases, wavelength \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* Waves are classified as either \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* Transverse - particles of the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ vibrate \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to the path of the wave
* Longitudinal – particles of the medium vibrate \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to the \_\_\_\_\_\_\_\_\_\_ of the \_\_\_\_\_\_\_\_\_\_\_\_
* A part of a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ wave where the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are pushed closer \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* A part where the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ spread \_\_\_\_\_\_\_\_\_\_ is called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.