

Waves - Vocabulary and review.

energy	vibration	Frequency	Combination	space
Compressional	matter	Wavelength	energy	Transverse
Amplitude	distance	disturbance	just	point
Hertz (Hz)				

Drag and Drop

1. Wave:

A repeating ^{1.} _____ that transfers ^{2.} _____ .
Through matter or ^{3.} _____ . Starts with a ^{4.} _____ .

2. Medium:

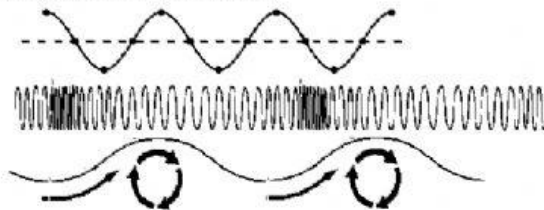
Mechanical waves requires ^{5.} _____ to travel through.

3. The three types of mechanical waves:

a. ^{6.} _____

b. ^{7.} _____

c. ^{8.} _____



4. Three ways waves differ:

a. ^{9.} _____ - the **length** of a wave.

b. ^{10.} _____ - the measure of the **energy** a wave carries.

c. ^{11.} _____ - how many **wavelengths** pass a fixed point per second.

5. Wave length:

The ^{12.} _____ from one point on a wave to the next
one ^{13.} _____ like it.

6. Frequency:

The number of wavelengths that pass a ^{14.} _____ per sec.

Measured in ^{15.} _____

7. Amplitude:

Measure the amount of ^{16.} _____ in a wave.