

Wave Parts

Longitudinal wave

1. Compression - part of wave where particles are crowded together

2. Rarefaction - part of wave where particles are spread apart

Transverse wave

1. Crest - highest point in the wave

2. Trough - lowest point between each crest

3. Amplitude - maximum distance that the particles of a wave's medium vibrate from rest position

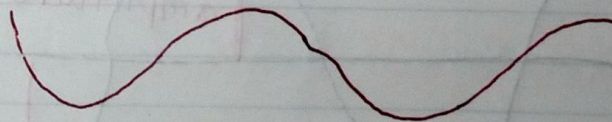
4. Wavelength - distance from any point on a wave to an identical point on the next wave

Factors That Affect Waves

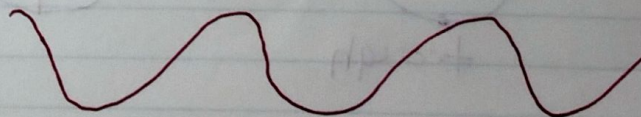
Wave Speed: the speed at which a wave travels through a medium

Frequency: the number of waves produced in a given amount of time
↳ measured in Hz (Hertz)

Low Frequency



Medium Frequency



High Frequency

