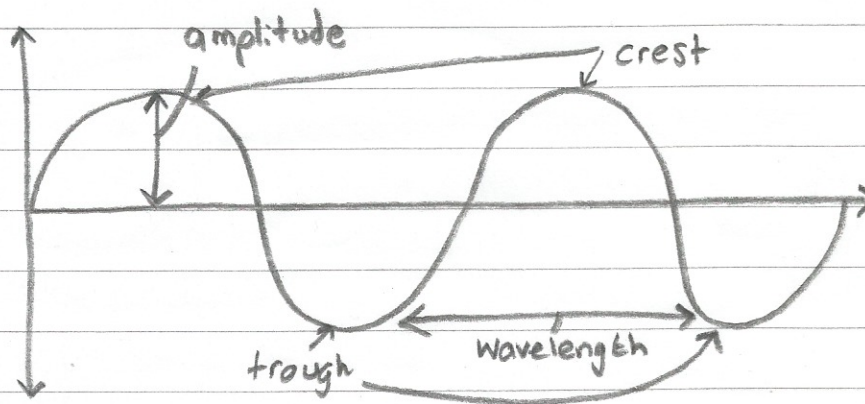


Waves

- Waves transfer energy by vibrations, but do not transfer matter.



An oscilloscope is a machine that can show you a wave on a screen like the one on the left.

Amplitude: This is the height of the wave. It is the maximum distance from its rest position.

Wavelength: The wavelength is the distance between a point on one wave and the same point on the next.

frequency: The number of waves produced each second. This is measured in hertz (Hz)

Diffraction : when waves meet a gap in a barrier they carry on through the gap and then spread out - this is diffraction. The spreading depends on the size of the gap.

