

Describe and draw / label a diagram of a transverse wave.  
Give a real life example.

Describe and draw / label a diagram of a longitudinal wave.  
Give a real life example.

Define:

Amplitude  
.....  
.....

Frequency  
.....  
.....

Wavelength  
.....  
.....

What do waves transfer?  
.....  
.....  
.....

# Waves

Quantity	Equation
Wave speed	
Time period	

Describe how you can measure the speed of sound.

Draw a diagram of a wave and label the amplitude, wavelength peaks and troughs.

How are radio waves produced?

Write down the parts of the electromagnetic spectrum in order of increasing wavelength (decreasing frequency) . Add a description and their real life uses.

Describe the properties of electromagnetic waves.

	EM wave	Description	Uses / dangers
<b>Short wavelength / high frequency</b>			
<b>Long wavelength / low frequency</b>			

What four things can happen to electromagnetic waves?

Draw and label a diagram to show how light refracts when it passes into and out of a glass block.

Why do waves refract?

What is the link between the angles of incidence and angles of refraction?

Why do waves refract?