[ ]

[ ]

Frequency:

Period:

Wavelength:

Describe a transverse wave. Give an example.

Describe a longitudinal wave. Give an example.

Give the definition of...

Primary and secondary light colours?

[ ]

All waves transfer...

What are the units of frequency, period, amplitude and wavelength?

Waves& reflection

Draw a labelled diagram of a ray reflecting off a plane mirror

[ ]

Show light through a prism.

Draw a diagram of a wave and label the; crest, trough, amplitude and wavelength

Give uses of curved mirrors

[ ]

[ ]

Relationships to calculate frequency and period

[ ]

[ ]

[ ]

What do all EM waves have in common? What speed do they travel at?

List detectors for each type of radiation

Put the EM spectrum in order of increasing frequency

Electromagnetic Spectrum

List applications for each type of radiation

List typical sources for each type of radiation

Define refraction in terms of wave speed and wavelength

Complete the diagram showing the path of the ray of light

When does refraction occur?

Refraction of Light

Label the angles of incidence and refraction; and the normal

Name this lens. Complete the diagram

Name this lens. Complete the diagram

Define...

Angle of incidence:

Angle of refraction:

A.

B.

C.

D.

E.

F.

Letter	Part Name	Function (What is does)
A		
B		
C		
D		
E		
F		