CP4 Waves

CP4a Describing waves
Recall that waves transfer energy and information but do not transfer matter.
Describe waves using the terms frequency, wavelength, amplitude, period and velocity.
Describe the differences between longitudinal and transverse waves.
Give examples of transverse and longitudinal waves.
CP4b Wave speeds
Recall the equation relating wave speed, frequency and wavelength
Use the equation relating wave speed, frequency and wavelength.
Recall the equation relating wave speed, distance and time.
Use the equation relating wave speed, distance and time.
Describe how to measure the velocity of sound in air.
CP4c Refraction
Describe what refraction is.
Describe how the direction of a wave changes when it goes from one material to another.
Explain some effects of the refraction of light (explanations in terms of changing speeds are not expected).
H Explain how a change in wave speed can cause a change in direction.
Describe what refraction is.