



Make sure you can write definitions for these key terms.

absorb angle of incidence luminous normal light-time
 charge-coupled device opaque photoreceptor
 colour converging convex colour pixel reflection
 diffusing scattering convex primary colour translucent
 filter refraction transparent virtual image
 focal point focus secondary transmit spectrum specular reflection
 incident ray law of reflection lens
 real image refraction retina secondary transmit spectrum specular reflection

Key terms

Assessment & Review



Review of learning

Revision

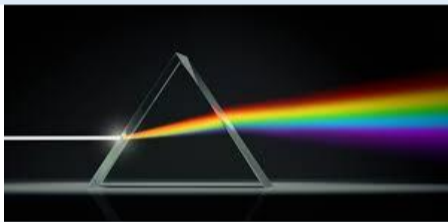
Retrieval, keyword definitions and equation practice.



Apply:
 P1.4 Space
 P2.2 Energy
 SP4 Waves
 SP5 Light and the electromagnetic spectrum
 SP6 Radioactivity
 SP7 Astronomy

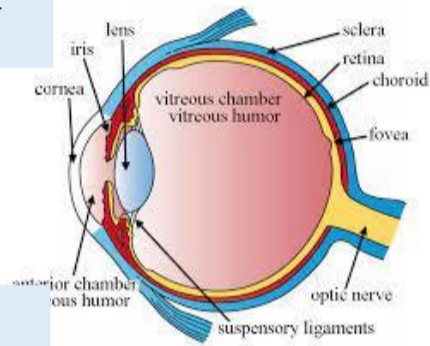


How are rainbows formed?



Colour

How are rainbows formed? How do filters produce different coloured light?



The eye and the camera

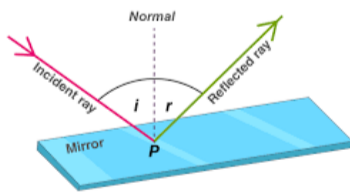
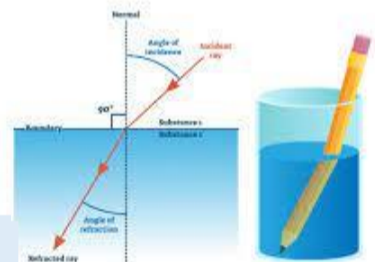
What do our eyes and cameras have in common?

How do we see things?

Refraction

How do lenses help us to see more clearly? How do optical illusions work?

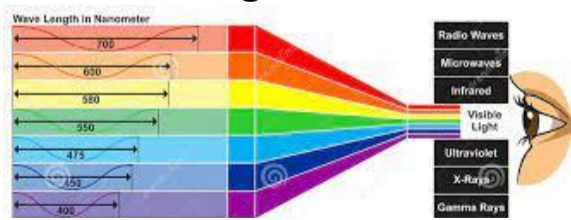
REFRACTION



Reflection

Why can we see ourselves when we look into mirrors but not when we look at a piece of paper?

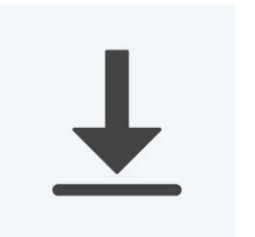
What travels faster, light or sound?



Light

How do we see things? How does light travel and how fast is it?

What are waves?



Retrieve:
 KS2 – Light, reflection and shadows
 P1.2 Sound