

Spelling list: 8J Light

Science 8J Light topic key words.

opaque	I cannot see through the door because it is opaque .
ray	When a light ray hits an object and reflects off.
reflect	The light will reflect from the white walls.
shadow	An area behind an object where there is no light, casts a shadow .
translucent	Translucent material lets some light pass through it but not all of it.
transmit	Light can transmit through transparent materials.
transparent	A material like glass which allows light to pass through it without shattering is transparent .
transverse	Amplitude is the height of a wave crest or a wave trough of a transverse wave from the rest position.
vacuum	A completely open space, containing no particles, is a vacuum .
incidence	Angle between the ray of incidence and the normal line.
reflection	A copy of an object that is seen in a mirror is a reflection .
normal	The normal is an imaginary line at right angles to the surface of a mirror or other object where a ray of light hits it.
plane	A plane , smooth, flat mirror.
diffuse	Light rays diffuse in all directions from a rough surface.
specular	Light rays reflect evenly from from a smooth surface. Mirrors produce specular reflection.
refraction	Refraction is the change in direction when light goes from one transparent material to another.

lens	This camera has got a long lens for taking photos of things from a long way away.
cornea	The cornea is a transparent part of the eye which covers the iris and pupil.
dispersion	Dispersion happens when light separates into the spectrum, as it passes through a prism.
spectrum	The seven colours which make up white light are the spectrum .