

Year Six- Science: Light



Subject Specific Vocabulary

light source	A light source is anything that makes light, whether natural and artificial. Natural light sources include the Sun and stars. Artificial light sources include lamp posts and televisions.
travel	To go from one place to another, typically over a distance of some length
reflect	When light from an object is reflected by a surface, it changes direction. It bounces off the surface at the same angle as it hits it. Smooth, shiny surfaces such as mirrors and polished metals reflect light well. Dull and dark surfaces such as dark fabrics do not reflect light well.
angle	The angle at which light hits a reflecting surface is called the angle of incidence, and the angle at which light bounces off a reflecting surface is called the angle of reflection
mirror	A surface, typically of glass coated with a metal amalgam, which reflects a clear image
shadow	A dark area or shape produced by a body coming between rays of light and a surface.
beam	A light beam or beam of light is a directional projection of light energy radiating from a light source. Sunlight forms a light beam when filtered through media such as clouds, foliage, or windows.

Sticky knowledge about 'Light'

Light travelling from a light source will always travel in a straight line.

Light reflecting off an object reflects off it at the same angle it shines onto it.

Reflecting means light bouncing off something.

Objects are seen because they give light into the eye.

Objects can be seen because they reflect light into the eye.

Shadows are formed when light from a source is blocked by an opaque object.

The closer an object is to the source of light the bigger the shadow.

What if a voice isn't heard?

Scientific Lines of Enquiry

