

Sticky Knowledge

In 1911, London had 94 registered cinemas, making up 55,000 seats. By 1939 this had increased to 258 cinemas with 344000 seats.

The first 'talkie' film called 'The Jazz Singer' was made in 1927.

By the middle of the 19390s, 18 million people per week went to the cinema in Britain.

Light can be controlled and produced in so many ways. A camera can control the amount of light that comes into the camera lens. We also use light in televisions, medical systems, copy machines, telescopes and satellites.

Light will travel in a completely straight line until it hits an object that will bend it. The light that is in a straight line are called 'light waves'.

One of the characteristics of light is that it behaves like a wave. Light can be defined by its wavelength and frequency. The frequency is how fast the wave vibrates up and down.

Space does not have any light. We can see things in space due to light bouncing off of the objects in space.

Light doesn't travel as fast when it has to pass through mediums that are different, such as air, water or glass.

A shadow is always the same shape as the object that casts it. This is because when an opaque object is in the path of light travelling from a light source, it will block the light rays that hit it, while the rest of the light can continue travelling.

Year 6 Gold Autumn 2:

Can A Lens Create Art?



Key Text



Topic Vocabulary

simplicity	Having a clear, simple background can make the subject of your photograph much more impactful
focus	When a photograph is 'focused', everything that you want to be is clear and visible. Using the shutter button will help a camera to focus on the correct things
Rule of thirds	Positioning subjects in certain areas of a photograph can be effective. The positions can be found by using the rule of thirds
framing	Using natural frames and borders when taking a photo can help focus the subject. Windows and doors make good frames
prism	A prism is a solid 3D shape with flat sides. The two ends are an equal shape and size. A transparent prism separates out visible light into all the colours of the spectrum.
filters	A filter is a transparent material that absorbs some colours and allows others to pass through.
light source	Light, or illumination, is a form of energy that travels in waves, like sound. You can find different sources of light, such as a candle or the Sun.
lens	A lens is a curved piece of glass or plastic designed to refract light in a specific way.
concave	It is a lens that curves inwards and reflects light differently as a result.
convex	It is a lens that curves outwards and reflects light differently as a result.