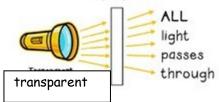
## Science Year 6

# Topic: Light

# Value: Together we are safe

## Recapped Knowledge and Vocabulary

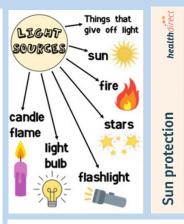
# Translucent, Transparent & Opaque







NO light passes through





#### New Knowledge:

Light travels

in straight

lines. When light is blocked by an

> opaque object, a

dark shadow

is formed.

The further

away the light

source is, the

smaller the

shadow is. The closer

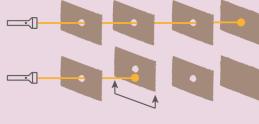
the source of

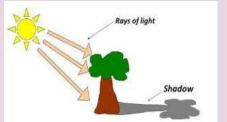
the light, the

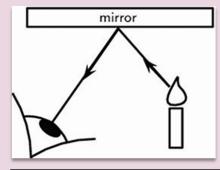
bigger the

shadow.

Light travels in a straight line.







We see things because light travels in a straight line from a light source, reflects off objects, and into our eyes.

Image Credit: Pzaz Science

Image Credit: Ruby Tuesday Books

#### New Vocabulary

Carefully drawn and annotated diagrams.

The a water life about 50 in they but if a light a could 50 in they but if a light a could be about to be abo

Working Scientifically

Present learning in an oral presentation.



light	A form of energy that enables us to see
light source	An object that gives off light.
reflect	When light bounces off a surface.
Light ray	Light traveling in one direction is called a light ray.
Light beam	A group of light rays given out from a light source is a light beam.
shadow	Darkness the occurs when an object blocks the light.
refraction	When a ray of light change direction when it enters at an angle.

The colours in a **rainbow** actually come from light. A beam of sunlight or the light from a torch may not look colourful, but it is made up of seven different colours.

Red Orange Yellow Green Blue Indigo Violet

