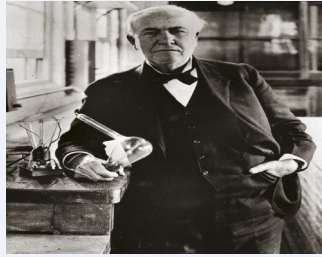
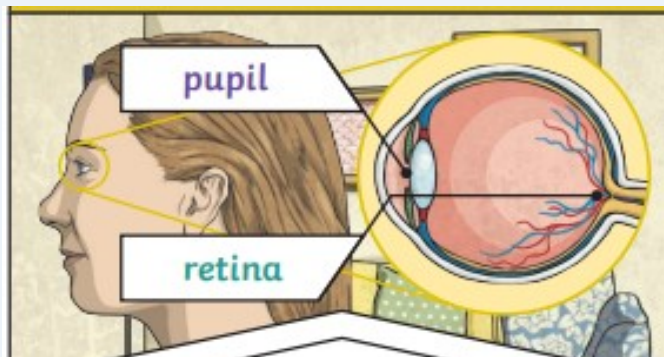


Science Year 3 Summer 1: Light

Key vocabulary to learn and use in your learning

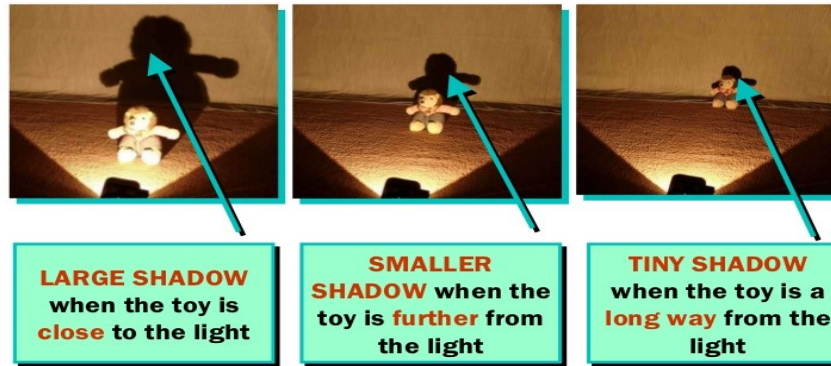
Word	Definition
light source	Any place where light comes from e.g. sun, light bulb, torch, fire. Some are natural, some are man-made.
shadow	The dark shape made when something blocks light from a light source.
reflection	When light bounces off a surface and changes direction.
opaque	An object that does not let any light through.
translucent	Lets light pass through but objects on the other side can't be seen clearly e.g. frosted glass window.
transparent	Allows light to pass through and objects can be seen clearly too.
UV radiation	Sun is a type of ultra-violet radiation, which you can't see, but can be dangerous if your skin isn't protected.
pupil	The part of the eye that lets light in.
retina	A layer at the very back of the eye. The retina takes the light the eye receives. It then changes it into nerve signals to send to the brain.



Thomas Edison - 1847-1931—Regarded as the greatest American inventor of all time, inventing the light bulb, photograph and motion camera.

Key knowledge to learn and use

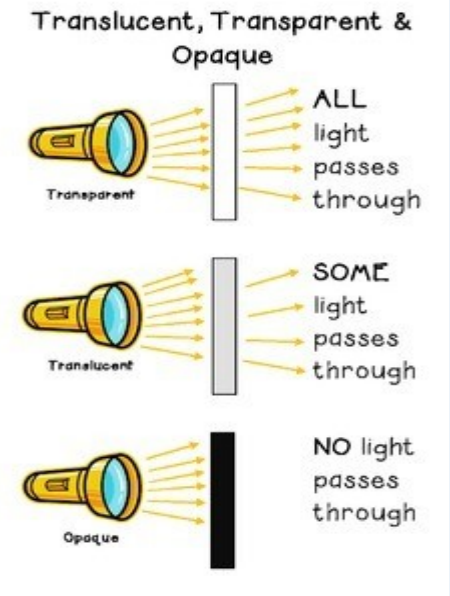
Size of shadows



LARGE SHADOW
when the toy is
close to the light

SMALLER SHADOW
when the toy is further from
the light

TINY SHADOW
when the toy is a
long way from the light



The surfaces that reflect light best are smooth, shiny and flat.

