

# Light – Year 6

## Key Vocabulary

Vocabulary from previous year groups.	
<b>light source</b>	A natural or artificial source of light.
<b>reflect</b>	To throw back light from a surface.
<b>shadow</b>	A dark area created where light from a light source is blocked by an object. The object blocking the light will be opaque or translucent.
<b>light ray</b>	Each line of light travelling in a straight line from its place of origin.
<b>straight lines</b>	Light travels in straight lines.
<b>concave</b>	Have an outline or surface that curves inwards like the interior of a circle or sphere.
<b>convex</b>	Have an outline or surface that curves outwards like the exterior of a circle or sphere.
<b>variables</b>	An element, feature, or factor that is liable to vary or change.

## Significant scientists

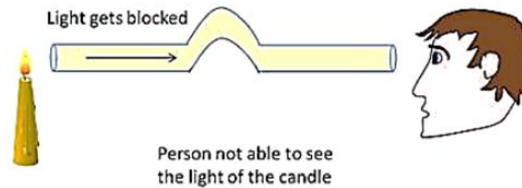
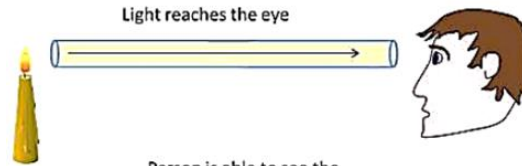
### Jules Carpentier



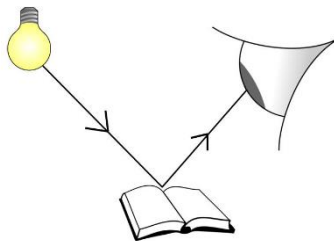
A French engineer who designed and invented the submarine periscope.

This was particularly important during the war.

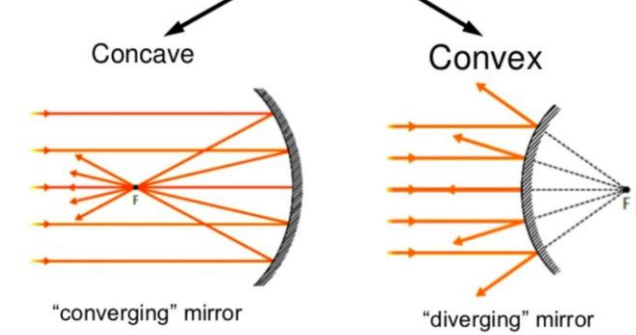
Light may come directly from a light source.



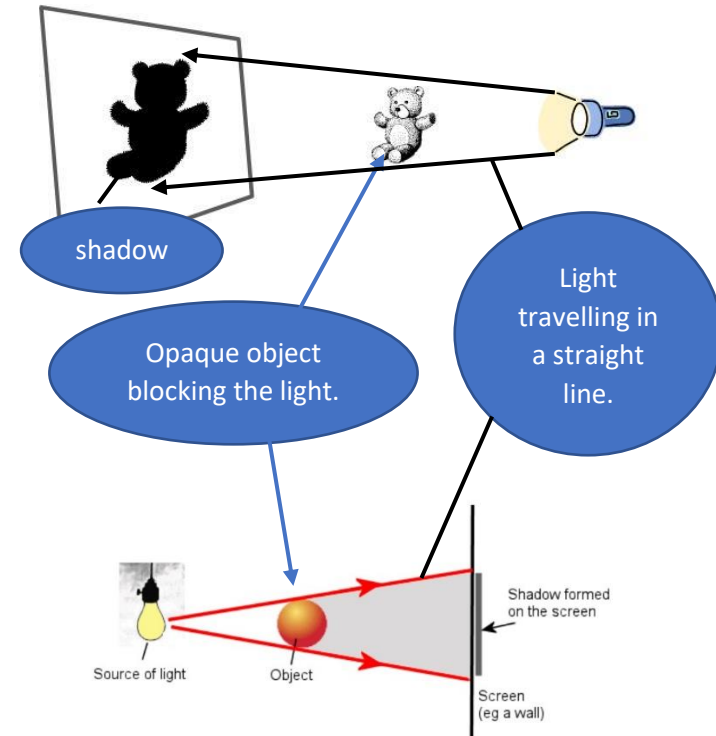
For objects that are not a light source, light must be reflected from the object into our eye for us to see the object.



## Curved Mirrors

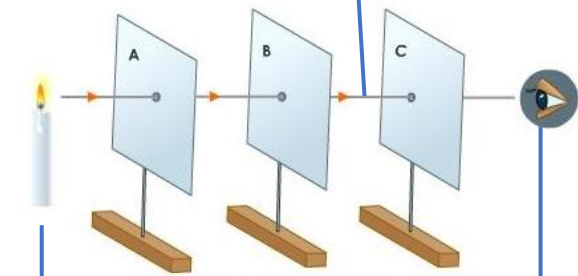


Shadows have the same shape as the objects that cast them:



Light travels in a straight line:

We can use an arrow to represent the path of the light.



Light source

We see light from the light source when it enters our eyes.