

Y6 Spring 2 - WW2 - Science

Vocabulary

Word	Definition
transparent	Allowing light to pass through so the objects behind can be distinctly seen.
translucent	Allowing light, but not detailed shapes to pass through.
opaque	Not able to be seen through.
reflect	Throw back without absorbing it.
refraction	The bending of a light or sound wave, or the way the light bends when entering the eye to form an image on the retina.
focal point	Something which captures the bulk of the attention.
light source	Anything that makes light, whether natural or artificial.

Previous Knowledge

In Key Stage 1 you learnt to:

In Key Stage 2 you learnt:

- Light is needed in order to see things and that dark is the absence of light.
- Light is reflected from surfaces.



Key Facts

- For some objects, light must be reflected from the object into our eyes for the object to be seen.
- Objects that block light (are not fully transparent) will cause shadows.
- Because light travels in straight lines the shape of the shadow will be the same as the outline shape of the object.
- Light appears to travel in straight lines
- We see objects when light from them goes into our eyes.
- Light may come directly from light

Key Questions

- How does light travel?
- How do we see objects?
- How are shadows created?

Spellings: transparent, translucent, opaque, surface, refraction, surface, source, distance