



# Light Year 6

Think deeply about...

Which light source is the most significant to humans?  
Designing your own products to reflect light.  
Which objects create the best shadows and why?

Learn...

That light travels in straight lines.  
Where light comes from.  
How we see things due to reflection.  
How shadows are made.  
The types of shadows made on different objects such as opaque objects, transparent objects and translucent objects.  
How to investigate shadows and what might affect them.

Use...

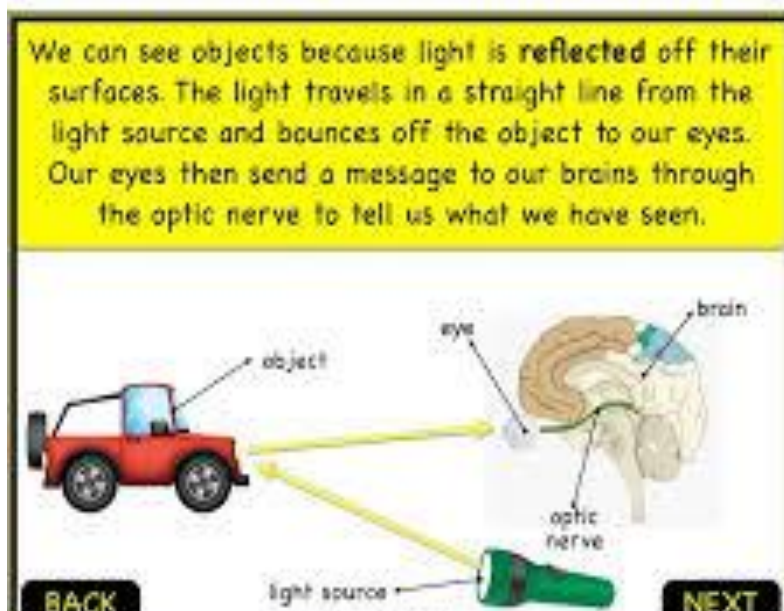
Source- a place, person, or thing from which something originates or can be obtained.

Rays- each of the lines in which light (and heat) may seem to stream from the sun or any luminous body, or pass through a small opening.

Opaque- not able to be seen through; not transparent.

Transparent- allowing light to pass through so that objects behind can be distinctly seen.

Translucent- allowing light, but not detailed shapes, to pass through; semi-transparent.



Explore...

<https://www.bbc.com/bitesize/clips/zyntsbk>

<https://www.factmonster.com/dk/encyclopedia/science-and-technology/light>

[https://www.youtube.com/watch?v=fm\\_GAlrBuQ](https://www.youtube.com/watch?v=fm_GAlrBuQ)