

# Knowledge Organiser: Year 6 Science: Light

Hethersett Woodside Primary & Nursery



I already know ...	That light comes from a light source. We knew some examples of light sources. We could remember words like 'reflection' but we were not sure what they meant or how to apply them scientifically.
New Knowledge	In this unit, we will learn about how light travels, how light can behave in different situations (including reflection and refraction), how we see, how to protect our eyes from harm and finally how shadows are formed and behave.
Key Vocabulary	This means ...
Pupil	the hole in the front of the eye through which light enters
Lens	focuses the light as it passes through the eye
Retina	a collection of sensitive cells at the rear of the eye which absorb light
Cornea	a protective layer on the outside of the eye
Reflection	when light bounces off a surface and changes direction
Refraction	when light travels at a slower speed through a different media - appears to bend
Darkness	the absence of light
Light Source	an object which can create and emit its own light