

Topic: Light

Term:

Year 6

Duration: weeks



Eden Park Primary School Knowledge Organiser



Prior Knowledge

- I can name some sources of light?
- I can recognise features of day and night, including temperature.
- I can recognise electricity can create a source of light.
- I can recognise a shadow (observe and describe).

The Powerful Knowledge we will take away from this science topic:

- I can recognise that light appears to travel in straight lines.
- I can use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye.
- I can explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes.
- Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.

Word	Meaning
Transmission	The way light is passed on/through
Optics	The study of light
Prism	Glass/transparant object in geometric shape
Rainbow	All the colours of light in white light
Refraction	The bending of light
Spectrum	The range of light colours
Plus recap of year 4 vocab	

Investigation

Can you make a beam of light travel around a corner to hit a target? (mirrors)

Working Scientifically

Report and present findings from enquiries in oral and written forms such as displays and other presentation.