



Physics: Light

Y3/4 Summer 1



What should I already know?

- We need light to see.
- Light can be produced using electricity.

What am I going to learn?

- That light is needed in order to see.
- That dark is the absence of light.
- That light is reflected from a surface.
- That shadows are formed when the light from a light source is blocked by an opaque object.



- That light from the sun can be dangerous.



transparent



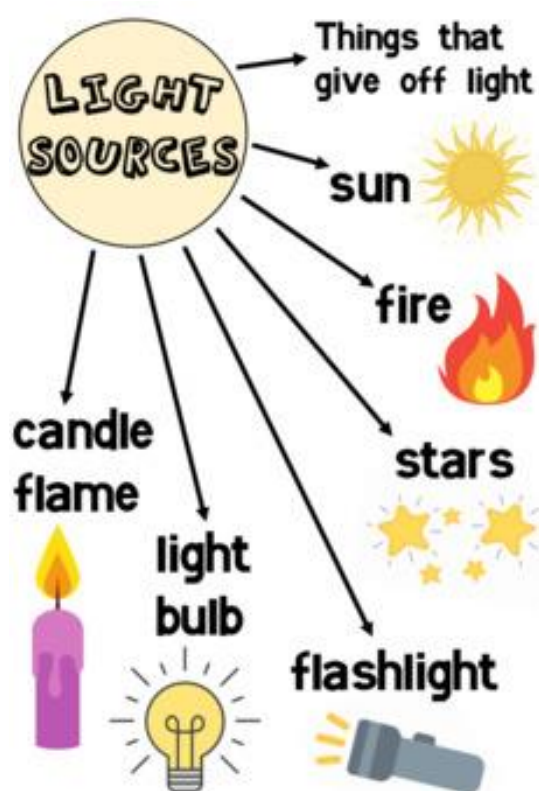
translucent



opaque

Vocabulary

Light	A form of energy that travels from a light source.
Energy	Something that gives something else power.
Light source	An object that gives out light.



Working Scientifically

Enquiry Types	Observing changes over time	Pattern Seeking	Identifying, Grouping and Classifying	Fair Testing	Research	Problem Solving
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- I will plan an investigation looking at how the size of our shadows change, looking for patterns throughout the day.
- I will measure the size of my shadow and take recordings.
- I will interpret the findings from my investigation and conclude how shadows change.

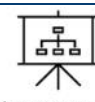
Disciplinary concepts



Plan/perform investigations



Record and report data



Interpret and communicate results