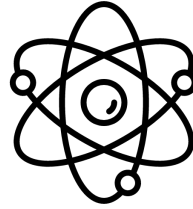


We will be learning about...

This half term, we will be learning about light. We will be using our scientific skills of observation to observe how light is reflected from surfaces and how shadows are formed.

We will be studying...

- How light allows us to see the world around us.
- The dangers that light from the sun can pose
- How we can protect our eyes from the sun's rays
- How light is reflected from surfaces
- How shadows are formed
- How shadows change



Science - Year 3 Light



Online Resources



BBC Light Sources



BBC Light and Dark

To prepare for this you could talk about...

How shadows change at different times of day and what causes them to become longer and shorter.

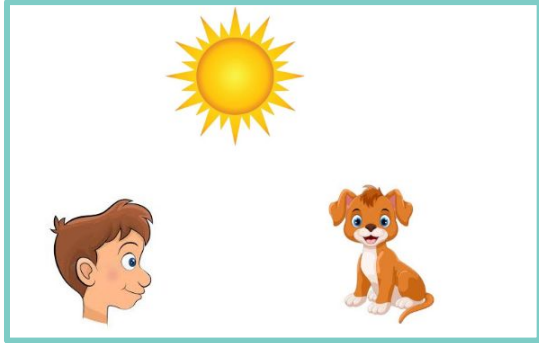
You could read...

- *'The Queen's Shadow' by Cybele Young.*
- *Usborne Minis - 'Hand Shadows'*

You could make...

A sundial and record how the length of the shadow is affected by the position of the sun.

Can you label the diagram to show how the boy is able to see the dog?



Can you write a short paragraph describing the role of light in enabling us to see?

Make your own shadow puppets

You will need:

- Card
- Pencil
- Scissors
- Sellotape
- Skewers
- Lamp or torch
- White wall



Instructions:

- Choose your theme and draw your characters
- Cut them out carefully
- Sellotape the skewers to the back of your figures
- Shine a lamp or torch at a white wall and place your puppet in between.