

Term 6 Science – Light and Shadows

This term we will be learning about light and shadow. Children will be able to explore the differences between light sources and light reflectors and will be able to describe how shadows are formed. They will also explore the relationship between light, objects and the formation of shadows. They will be making careful observations and measurements of shadows as well as looking for patterns in the way that the sizes of shadows change.

What we already know:

Different objects can be transparent or opaque. Opaque objects do not allow light to pass through. These objects can make shadows.

How to gather and record data to help us answer questions.

How to perform simple tests.

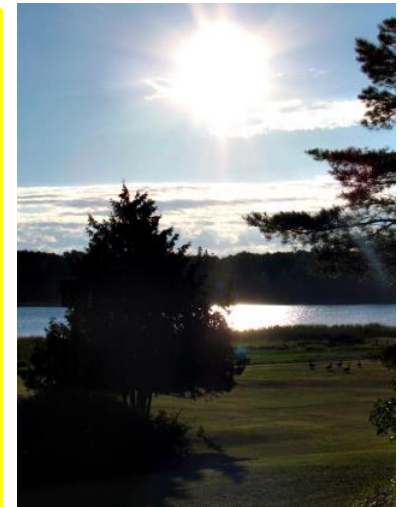
We can use results of experiments and observations to draw simple conclusions, make predictions and raise further questions.

By the end of the topic I will be able to:

Explain that a shadow is formed when a light source is blocked.

Identify the difference between a source of light and a reflector of light.

Recognise that light from the sun can be dangerous and you should never look directly at it. Also, that there are ways to protect their eyes.



Key Vocabulary

Reflection	Natural	Star	Sun	Moon
Reflect	Shadow	Blocked	Solid	Artificial
Surface	Torch	Candle	Lamp	Light source

