

Science Knowledge Organiser **Light (Term 4)**

Year 3

Our learning

In our science lessons this term, we will be learning about light. This is part of the **physics** aspect of science. Through our learning we will be thinking about the **cause and effect** of things we learn about in science.

We will learn about shadows and how they are formed.

We will learn about sun safety.

Transparent Translucent Opaque



Sun is a natural source of light. Lights and candles are artificial sources of light.

Information

Light is needed in order to see things. Dark is when there is no light.

Light may come **directly** from a **light source** (such as the sun) but can also be **reflected** from an object into our eyes in order to be seen.

Shadows are made when the light from a light source is **blocked** by an **opaque** object.

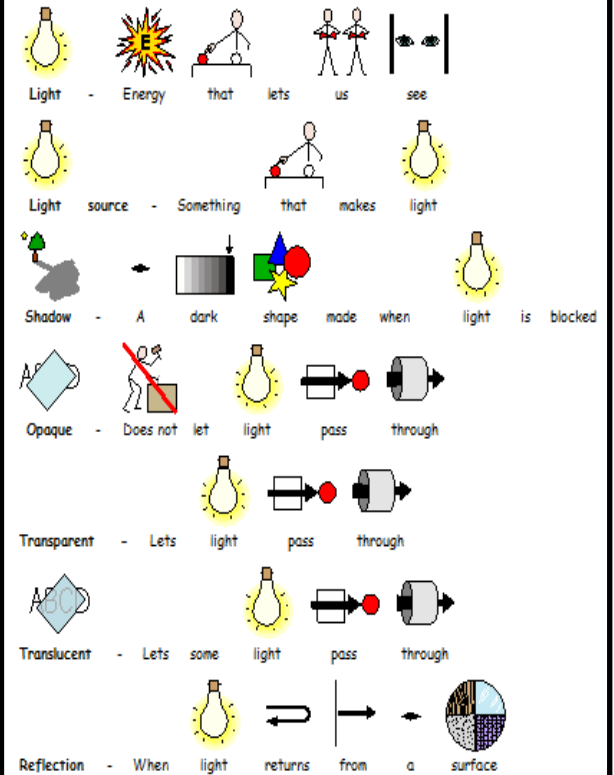
Shadows can be different shapes and sizes.

Light that comes from the sun can be dangerous and you should always protect your eyes and skin.

As a scientist I will...

- Make predictions and give reasons for them.
- Gather, record and use data to answer a question.

Vocabulary



People are opaque and cause shadows to form as they block the light from the sun.

