



Knowledge Organiser: Year 3 Light

Key Vocabulary

Light sources: Objects that give out light.

Natural light sources: Objects in nature that give out light.

Artificial light sources: Objects made by humans that give out light.

Sun: Our nearest star which gives out energy as heat and light.

Protect: To keep something safe.

Reflection: The return of light from a material or surface.

Shadow: A dark area caused by an object blocking a source of light.

Sticky Knowledge

- Humans and other animals need light to see.
- The Sun is a natural light source, without the Sun living things would not be able to live and grow.
- The light from the Sun can be dangerous, there are ways to protect your eyes from the Sun.
- Light travels from a light source to an object.
- The light is then reflected from the object into our eyes.
- Shadows are formed when the light from a light source is blocked by an object.
- Opaque materials do not let light rays pass through.
- Translucent materials allow some light to pass through but do not form clear, defined shadows.
- Transparent materials allow light to pass through.

