

Science - Year 3 – Spring – How does light travel?

What I need to know by the end of this unit:

- We need light in order to see things and that dark is the absence of light.
- Objects can be opaque, translucent or transparent.
- Light is reflected from a surface to our eyes.
- Light from the sun can be dangerous and that there are ways to protect our eyes and skin.
- Shadows are formed when light from the light source is blocked by an opaque object.
- The size of a shadow changes dependent on where the light source is. It is bigger if the light source is a closer.
- The shape of a shadow is similar to the object.

Vocabulary Focus – Top 5!

- **Light** – energy that is needed to see.
- **Darkness** – the absence of light.
- **Shadow** – a dark area caused by an object blocking a source of light
- **Opaque** – an object or material that does not allow any light to pass through it
- **Light source** - objects that give out light

Can you match these key words to the correct image on the right?

