

Science – Light

Key vocabulary

- **light** – energy that is needed to see



- **eyes** – the parts of the body that animals see with



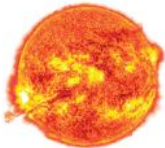
- **light sources** – objects that give out light



- **artificial light sources** – made by humans



- **Sun** – our nearest star which gives out energy as heat and light



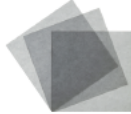
- **natural light sources** – objects in nature that give out light



- **opaque** – an object or material that does not allow any light to pass through it



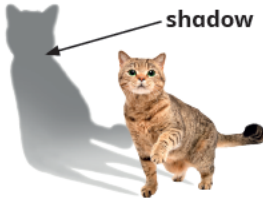
- **translucent** – an object or material that allows some light to pass through it



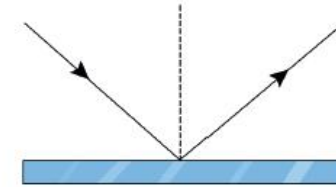
- **transparent** – an object or material that allows all light to pass through it



- **shadow** – a dark area caused by an object blocking a source of light



- **reflection** – the return of light from a material or surface



- **light sources** – objects that give out light



- **shiny** – a surface that reflects most light



- **dull** – a surface that does not reflect much light



Factual knowledge

- Humans and other animals need light to see.
- Humans need light to see. Darkness is the absence of light.
- Light travels from a light source to an object.
- The light is then reflected from the object into our eyes.
- The Sun is a light source.
- Without the Sun, living things would not be able to live and grow on planet Earth.
- Light from the Sun can be dangerous.
- There are ways to protect your eyes from the Sun.