

Nova's Amazing Guide to Light

Shine a light on learning with Nova the Owl!

- **Light sources are things that make their own light, like the Sun, a light bulb, or a candle.**
- **We cannot see anything in total darkness because there is no light to bounce off objects and into our eyes.**
- **A shadow forms when an opaque object blocks light from passing through it.**
- **Transparent materials, like clear glass, let almost all light pass straight through them.**
- **Darker surfaces absorb more light, while shiny, light-coloured surfaces reflect more light.**

Did you know? Did you know? Light travels in a straight line! When light hits a smooth, shiny surface like a mirror, it bounces off. This is called reflection, and it is how you see your own face in the glass.

Key vocabulary: Light source · Reflection · Shadow · Opaque · Transparent · Mirror