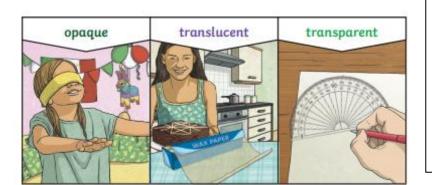
Vocabulary A form of energy that travels in Light waves from a source. Lightsource An object that makes its own light. Dark The absence of light. The process that occurs when light Reflection hits the surface of an object and bounces back into our eyes. Opaque A Describes objects that do not let light pass through. Translucent Describes objects that let some light through but scatter the lights so we can't see properly. Transparent Objects that let light through completely and we can see through them Shadow An area of darkness, where light has been blocked.



Light-Class 3

Key Knowledge

We need light to be able to see things. Light travels in a straight line. When light hits an object, it is reflected (bounces off). If the reflected light hits our eyes, we can see the object. Some surfaces and materials reflect light well. Other materials do not reflect light well. Reflective surfaces and materials can be very useful...





The light is reflected from the object.

Light from the torch hits the object.





Fun Facts!

Light sources can be natural or man-made.

The sun is a natural light source; where as a light bulb is a man-made source of light.

The moon, mirrors and windows are not sources of light.

The sun has benefits of helping plants to produce food and giving us a source of **vitamin d**, however, the sun's light can be harmful to our eyes and skin. We should wear sunglasses and sun cream on sunny days.

A shadow is caused when light is blocked by an opaque object. A shadow is larger when an object is closer to the light source. This is because it blocks more of the light.

