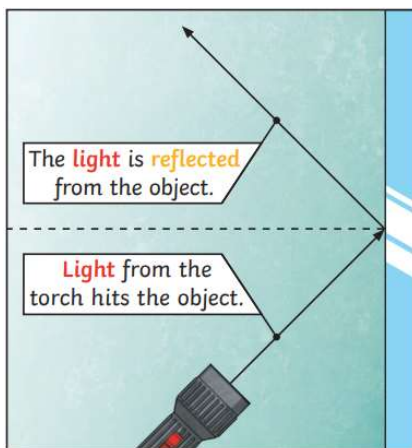




Light Knowledge Organiser

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...



Key vocabulary	
Light	A form of energy that travels in a wave from a source.
Light source	An object that makes its own light.
Dark	Dark is the absence of light.
Reflection	The process where light hits the surface of an object and bounces back into our eyes.
Reflect	To bounce off.
Reflective	A word to describe something which reflects light well.
Ray	Waves of light are called light rays. They can also be called beams.
Nocturnal	a living thing that sleeps during the day but becomes active during the night
Transparent	Describes objects that let light travel through them easily, meaning you can see through the object.
Opaque	Describes objects that do not let any light pass through them.
Translucent	Describes objects that let some light through, but scatter the light so we can't see through them properly.

What is light?

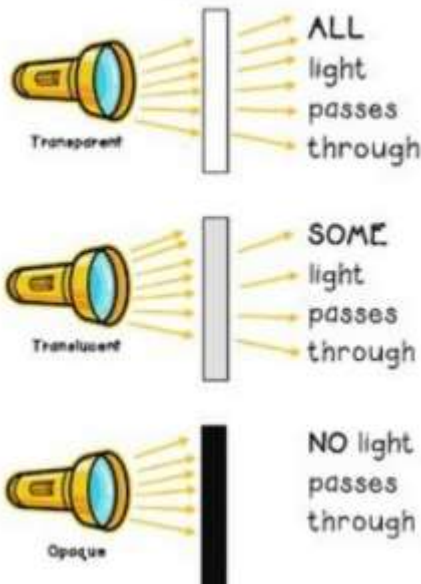


Light is a type of energy that lets us see things. If there is no light then it is dark and we cannot see anything

Sources of light



Translucent, Transparent & Opaque



Mirrors **reflect light** very well, so they create a clear image. An image in a mirror appears to be reversed. For example, if you look in a mirror and raise your right hand, the mirror image appears to raise its left hand.

