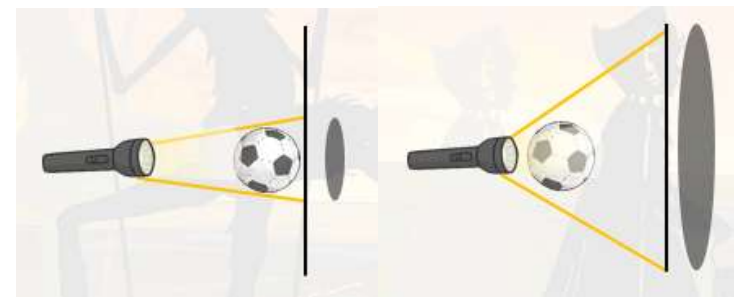


What I have learnt already

Year 1 Exploring everyday materials and their properties.

Year 2 Plants need light to grow and stay healthy.



The closer an object to the light source, the larger the shadow.

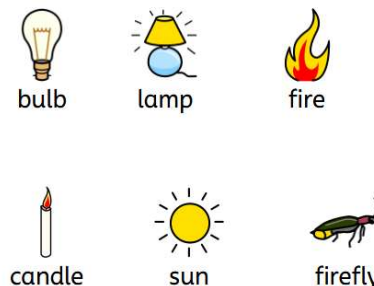
Vocabulary (Words I need to know)

light	A type of energy that helps us see.	darkness	When there is no light.
light source	An object that gives light.	surface	The outside layer of something.
reflect	When light bounces off a surface.	opaque	Light cannot pass through.
translucent	Some light passes through.	transparent	Light can pass through.
shadow	A dark outline created when an object is blocking light.	block	Does not allow something to pass.

Facts I need to learn now

1	Light and dark	We need light to be able to see things. Without light, we have dark.
2	Light sources	There are different light sources that produce light. Some are natural and some are made by humans.
3	Different surfaces	Some objects block all light from coming through. We call these opaque. We call objects that let some light through translucent and those that let all light through transparent.
4	Sun safety	Light from the sun can be dangerous for our skin and eyes. We can protect ourselves from this by wearing sunglasses and sunscreen.
5	Shadows	Shadows are formed when an opaque object blocks the path of light. Moving a light source changes the size of an object's shadow.

Examples of light sources:



What I will learn next

Year 6	Light travels in straight lines
Year 6	How we see light – the different parts of our eyes.