

# Vocabulary

## Year 3 Autumn 2 Science – Light

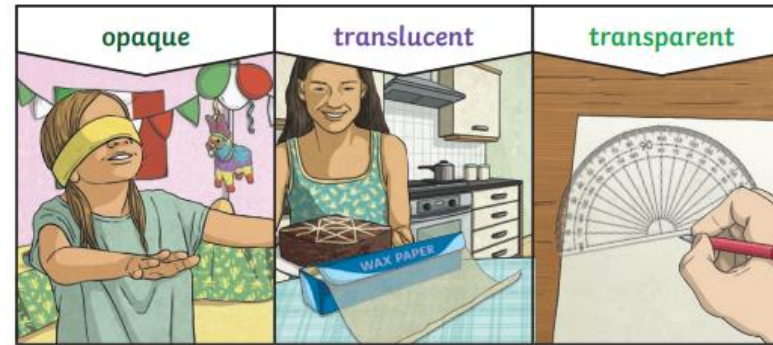
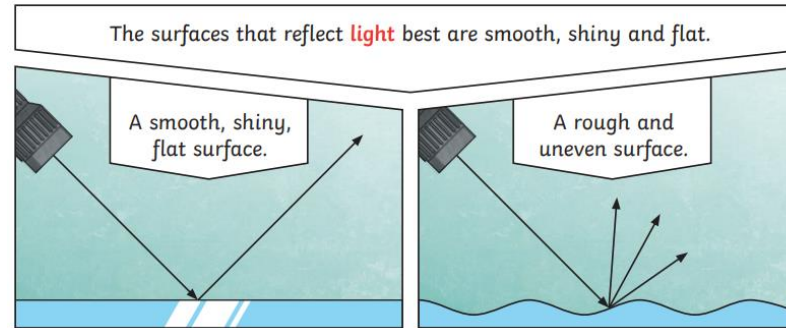
### Key Vocabulary

light	A form of energy that travels in a wave from a source
light sources	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
ray	Waves of light are called light rays. They can also be called beams.
shadow	An area of darkness where light has been blocked.
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
transparent	Describes objects that light travel through them easily, meaning you can see through the object.

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.

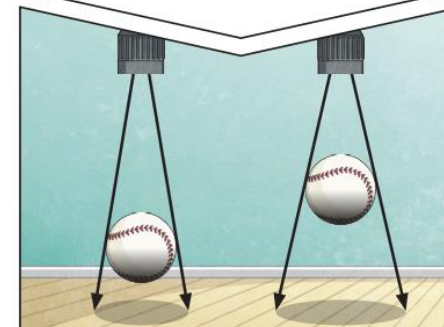


## Diagrams and Pictures

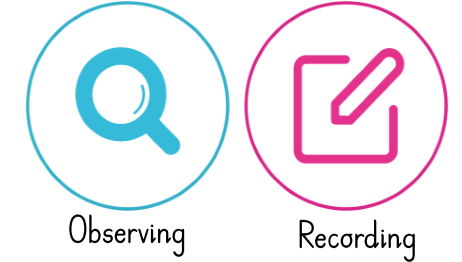
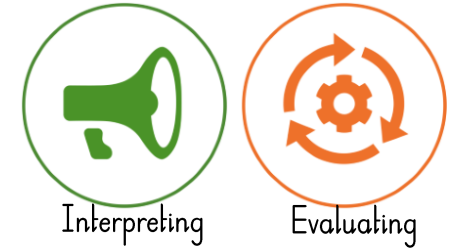


## Key Knowledge

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**.



## Working Scientifically



## Links

Links to other topics ...

Year 1 – weather, seasons

Year 6 – light and sound