



Year 3 Science – Light

National Curriculum Expectations: Science

Recognise that they need light in order to see things and that dark is the absence of light

Notice that light is reflected from surfaces

Recognise that light from the sun can be dangerous and that there are ways to protect their eyes

Recognise that shadows are formed when the light from a light source is blocked by an opaque object

Useful websites:

<https://www.bbc.co.uk/bitesize/topics/zbssgk7>

<https://www.sciencekids.co.nz/light.html>

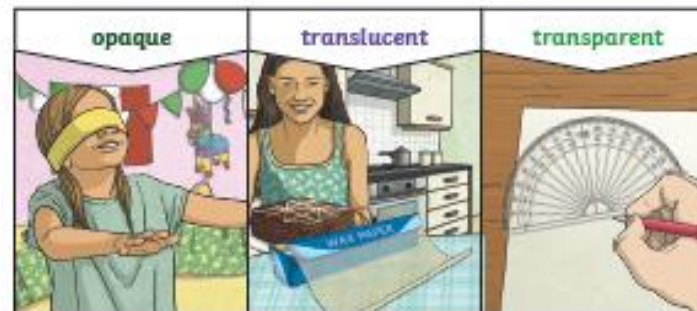
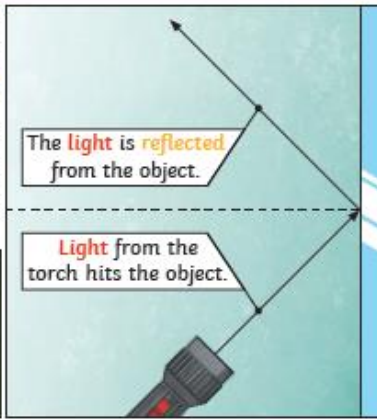
<http://www.primaryhomeworkhelp.co.uk/revision/Science/lightshadows.html>

Key Vocabulary

light	a form of energy
light source	an object which makes light
dark	when there is no light
reflection	when 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 or 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 let light travel through easily so we can see through the object

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...



SOURCES OF LIGHT!

Natural



Artificial

