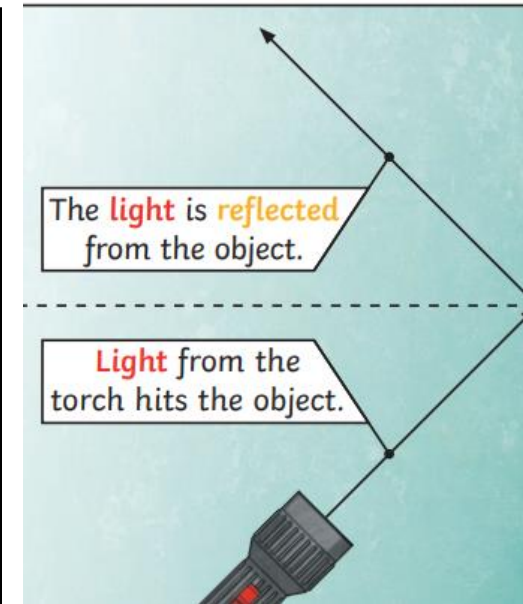


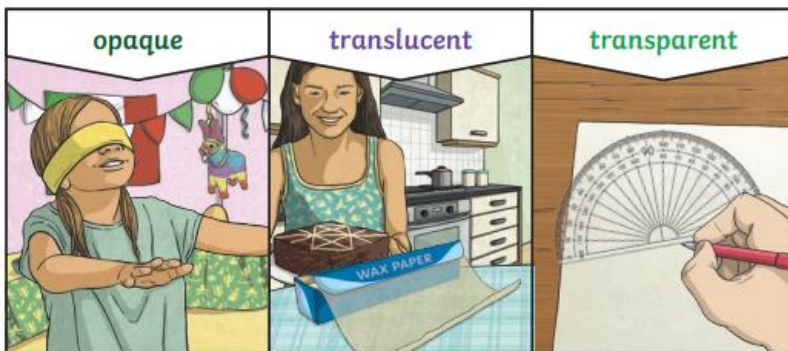
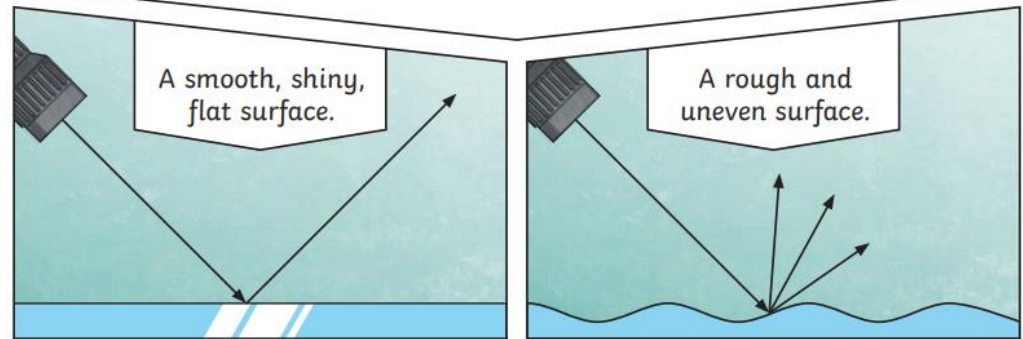
Key Vocabulary

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.
reflective	A word that describes something that reflects light well.
opaque	Objects that do not let any light through them.
translucent	Objects that let some light through, but scatters it so we can't see clearly.
transparent	Objects that do allow light through them.
Shadow	An area of darkness caused when the light is blocked.

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 then we can see the object. Some materials and surfaces reflect light well. Reflective material can be very useful for safety.



The surfaces that reflect **light** best are smooth, shiny and flat.



The eye

The pupil is the black part of the eye that lets light through. If too much light gets in, it can damage the retina. This is why we never look directly at the sun and why we wear hats and sunglasses in sunny weather.

