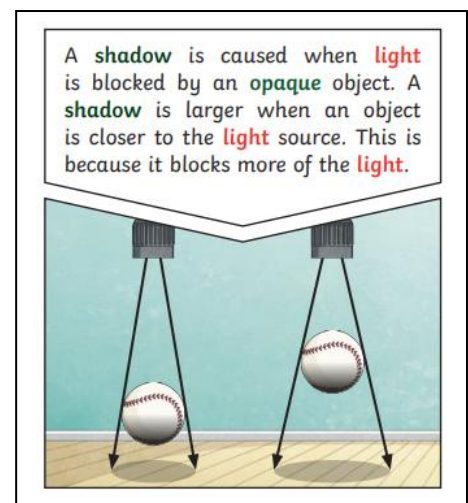
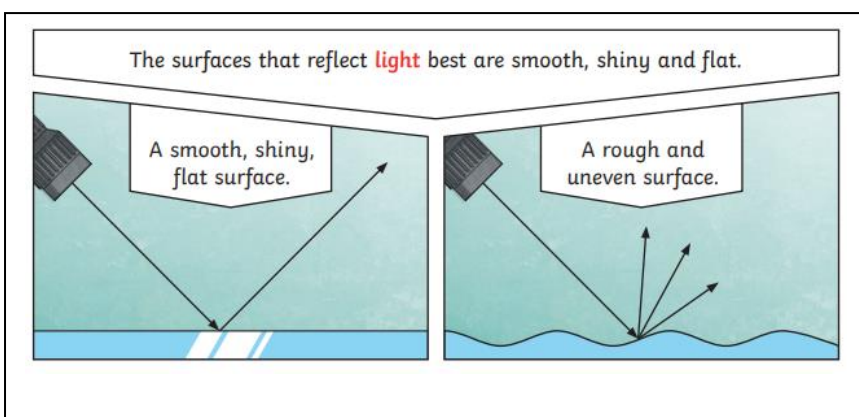


Science – Light and Shadows

Key Vocabulary	Definition
Light	A type of energy. We can see because our eyes can sense light
Light source	Something that produces light eg the sun or a lightbulb
Dark	The absence of light
Transparent	Lets light pass through
Translucent	Lets some light pass through
Opaque	Does not let light pass through
Reflect	To throw back or bounce back light from a surface
Mirror	A shiny surface that reflects light in a regular way
shadow	A dark shape that is formed when light is blocked by an object



Be careful! Never look directly at the sun, even if you are wearing sunglasses!

Previous Knowledge:	New Knowledge:
<p>Vocabulary: Reflect, shine, light, dark, bright, dim, shadow.</p> <p>Certain things produce light, by burning (e.g. the sun) or electricity (e.g. street lights).</p> <p>Shiny materials do not emit (give out) light but reflect it.</p> <p>Shadows are caused when certain materials block light.</p>	<p>We need light to be able to see things and it is dark when there is no light at all.</p> <p>Light is reflected from surfaces</p> <p>Shadows are the same shape as the objects which cast them.</p> <p>Shadows are formed when light from a light source is blocked by an opaque object.</p> <p>Light from the sun can be dangerous and there are ways to protect your eyes.</p>