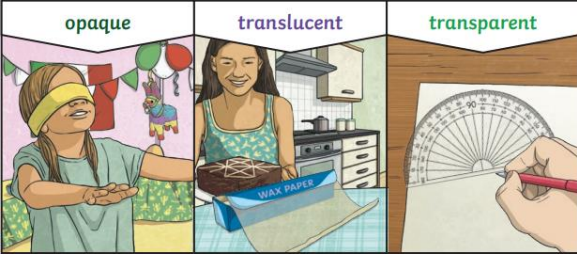
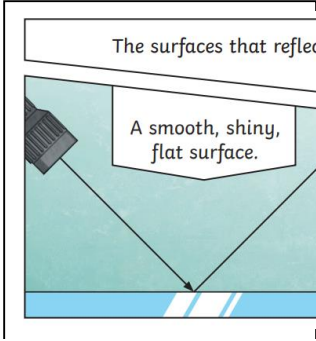
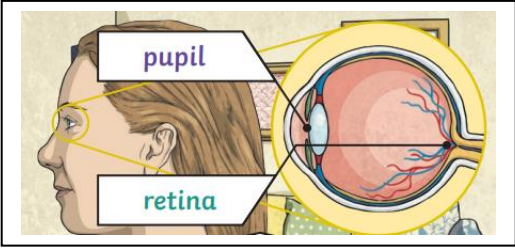
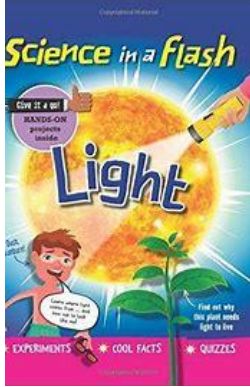




Key Facts	Diagram/Investigations	
<p>We need light in order to be able to see things. Light travels in a straight line. When light hits an object it is reflected (bounces off). If the reflected light hits our eyes, we can see the object. Some surfaces and materials reflect light well. Others do not reflect light well. reflective surfaces and materials can be very useful.</p> <p>Mirrors reflect light very well, so that they can create a clear Image. An Image In a mirror appears reversed.</p> 	<p>Gather, record, classify and present data In a variety of ways to help answering questions.</p> 	
Key Learning:	Prior Learning:	Books to support/ Enrichment Opportunities:
<p>We The pupils control the amount of light entering the eyes. If too much light enters then It can damage the retina. To help protect our eyes we can wear sunglasses with a UV rating.</p>  <p>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 is blocks more light.</p>	<p>Previous learning from EYFS: Understand the world Children know about similarities and differences In relation to places, objects, materials and living things. They talk about the features of their own Immediate environment and how environments might vary from one to another.</p>	

Subject Specific Vocabulary	
Key word	Definition
Light	A form of energy that travels in a wave from a source.
Light source	An object that makes its own light.
Dark	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
Reflective	Reflects light well
Ray	Waves of light are called rays or beams.
Pupil	The black part of the eye that lets light in.
Retina	A layer at the very back of the eye. Takes the lights and changes it to nerve signals to send to the brain.
Shadow	An area of darkness where light has been blocked.
Opaque	Objects that do not let any light through.
Translucent	Objects that let some light through.
Transparent	Objects that let light travel through them easily.