



Summer 1

Science

Physics - Light and Dark



In this unit, we will be learning:

1. What is light?
2. How can we see objects?
3. What is the difference between night and day?
4. Which materials are reflective?
5. How are shadows formed?

Subject Specific Vocabulary

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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.
pupil	The black part of the eye which lets light in.
retina	A layer at the very back of the eye. The retina takes the light the eye receives. It then changes it into nerve signals to send to the brain.
shadow	An area of darkness where light has been blocked.
opaque	Describes objects that do not let any light pass through them.
transparent	Describes objects that let light travel through them easily, meaning that you can see through the object.
translucent	Describes objects that let some light through, but scatter the light so we can't see through them properly.