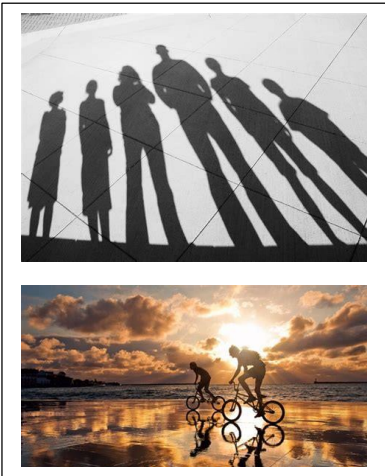


What if there was no light?



Key Facts	
1	We need light in order to see things.
2	Light is reflected from surfaces.
3	Shadows are formed when the light from a light source is blocked by a solid (opaque) object.
4	There are patterns in the way that the size of shadows change.
5	Recognise that light from the sun can be dangerous and that there are ways to protect your eyes.
6	Everything in a flat mirror is back to front.

Key Vocabulary		
1	light	Light is needed to see anything. Less light makes it harder to see things clearly.
2	dark	The complete absence of light.
3	shadow	A shadow is a dark shape that is formed when an object blocks a source of light.
4	reflect	Send light back from a surface and does not absorb it.
5	opaque	A material that does not let light pass through it
6	transparent	A material that lets light pass through it.
7	luminous	Full of or giving off light.
8	ultra violet	A type of light that we cannot see without special equipment
10	predict	To say that an event or action will happen as a result of knowledge or experience
11	mirror	A piece of glass with a shiny, metal-covered back that reflects light, producing an image of whatever is in front of it:

