

Skills and knowledge		Word	Definition
How do we get from sun to shadow?		light	a form of energy that makes vision possible
1	How does light travel?	shadow	a dark area created when an object blocks light between a light source and a surface.
2	How do we see?	reflect	the bouncing back of light when it hits a surface.
3	How does light travel from light sources to our eyes?qq	reflective	describes a surface that reflects most of the light that hits it
4	Why do shadows have a certain shape?	light source	an object that emits light, such as the Sun or a lightbulb.
5	Is the sun dangerous?	colour spectrum	is the range of colour visible to the human eye, which can be seen when light is refracted through a prism..
Interesting facts		refract	to change the direction of light as it passes through different materials.
Light is the fastest thing in the universe, traveling at nearly 300,000 km per second. It takes only 8 minutes for sunlight to reach Earth.		visible spectrum	the portion of the light spectrum that is visible to the human eye
White light is actually made up of all the colours of the rainbow mixed together. When light passes through a prism (or rain), it splits into red, orange, yellow, green, blue, indigo, and violet.			
Some animals, like fireflies, glow-worms, and deep-sea fish, can produce their own light.			
Some animals, such as bees, can see ultraviolet light, which is invisible to humans			
The Moon does not make its own light; it actually reflects light from the Sun.			
We see objects because light reflects off them and travels to our eyes.			

