

# Science

In science this term we will be looking at all things light.

## Task one:

Try and research the terms natural and artificial light. Create a list of both. Below are some examples of both, but can you sort them into each category? Be careful though as two images aren't even sources of light.

These pictures all show examples of light sources...apart from two. Some objects reflect light even though it looks like they produce light. Can you spot two of them?

light bulb

volcano

gas cooker

water

stars

the moon

fire

glow worm

torch

lightning

the sun

## Task 2:

Use the words below to help you fill in the gaps for these sentences about light and shadow:



Light always come from a \_\_\_\_\_ and travels in a \_\_\_\_\_ line. Our major natural light source is the \_\_\_\_\_. Some objects looks as though they are producing light but really they are just \_\_\_\_\_ the sun's light. The \_\_\_\_\_ is not a light source but it reflects the sun's light so it looks as though it is glowing. If something \_\_\_\_\_ the light's path, a \_\_\_\_\_ is formed. Shadows are \_\_\_\_\_ because the object does not allow the \_\_\_\_\_ to travel through it.

<b>light</b>	<b>shadow</b>	<b>straight</b>
<b>sun</b>	<b>blocks</b>	<b>moon</b>
<b>source</b>	<b>reflecting</b>	<b>dark</b>

## Task 3:

Can you write a definition for each of these words:

➔ **Transparent**

➔ **Translucent**

➔ **Opaque**

