

YEAR 3
LIGHT AND MATERIALS:
01 – IDENTIFYING LIGHT SOURCES



Look at the pictures.

**Which of these items give out light?
Which do not?**

Can you name another light source?

**What is the difference between
sunlight and moonlight?**

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LIGHT AND MATERIALS:
01 – IDENTIFYING LIGHT SOURCES



Look at the picture.

What things in the picture help us to see?

Where does the light come from?

What could we see if there was no light?

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LIGHT AND MATERIALS:
02 – HOW WE SEE



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LIGHT AND MATERIALS:

03 – COMPARING REFLECTIVE MATERIALS



Explore the materials by shining a torch on them.

**Can you sort the items into order
from least shiny to most shiny?**

**What happens to light when
it hits shiny objects?**

What do all shiny objects have in common?

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LIGHT AND MATERIALS:

04 – PROTECTING OURSELVES FROM THE SUN



How can the Sun harm us?

**How can we protect ourselves
from the Sun's rays?**

**Can you think of more than one answer
to the questions above?**

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LIGHT AND MATERIALS:
04 – PROTECTING OURSELVES FROM THE SUN



Draw round the shadow created by the object.

Describe the shadow.

What causes the shadow?

**Do all objects create shadows?
Which do? Which do not?**

Describe the shadow.

**How could you change the
size of the shadow?**

**Could you change the colour
or shape of the shadow? How?**