

Can we see in the dark?

Why/why not?

**Use the thread to show how light travels
and lets the child see the book.**

YEAR 6
PROPERTIES OF LIGHT:
01 – SIGHT



Look through the periscope.

What can you see?

**How is it different from what you
see without the periscope?**

How does the periscope change what you see?

Shine a torch on each material.

Describe what happens to the light each time.

Can you sort them into those that are not reflective, a little reflective and very reflective?

Why are they different?

Look carefully at the cards.

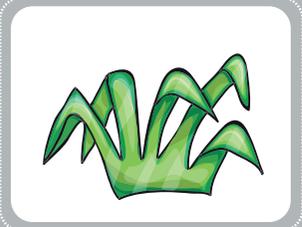
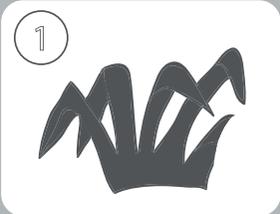
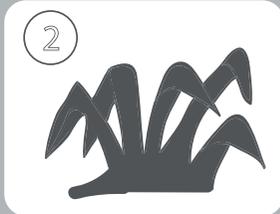
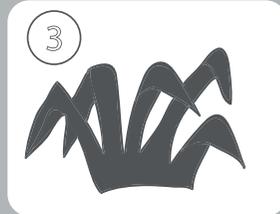
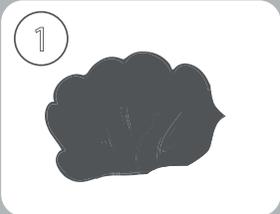
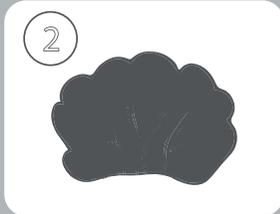
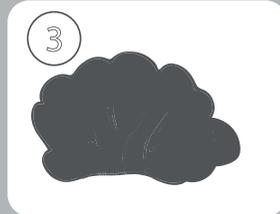
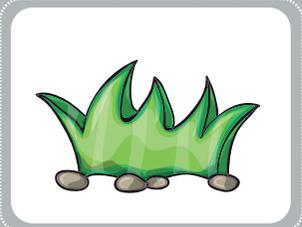
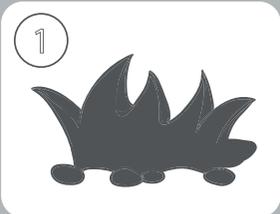
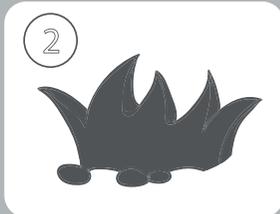
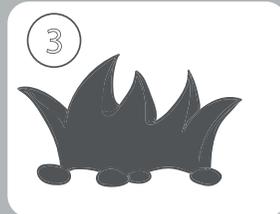
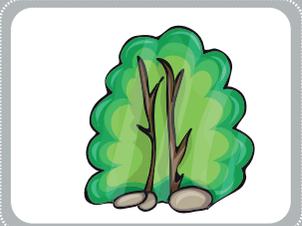
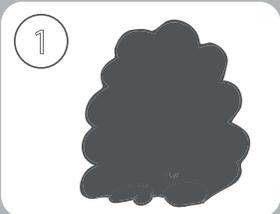
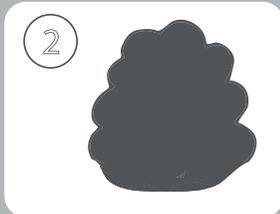
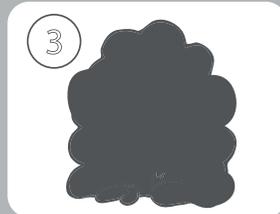
Can you match the correct shadows to the objects?

What is the same about the shadow and the object?

What is different?

What is a shadow?

YEAR 6
PROPERTIES OF LIGHT:
04 – SHADOWS

Make a shadow using the cardboard shape and a torch.

What shape and colour is the shadow?

Can you make the shadow a different size? How?

**Can you make the shadow a different shape?
Why/why not?**

Add a shadow to the picture.

Where would the shadow be?

What shape and colour would it be?

Why?

YEAR 6
PROPERTIES OF LIGHT:
06 – ADDING SHADOWS

