

**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.

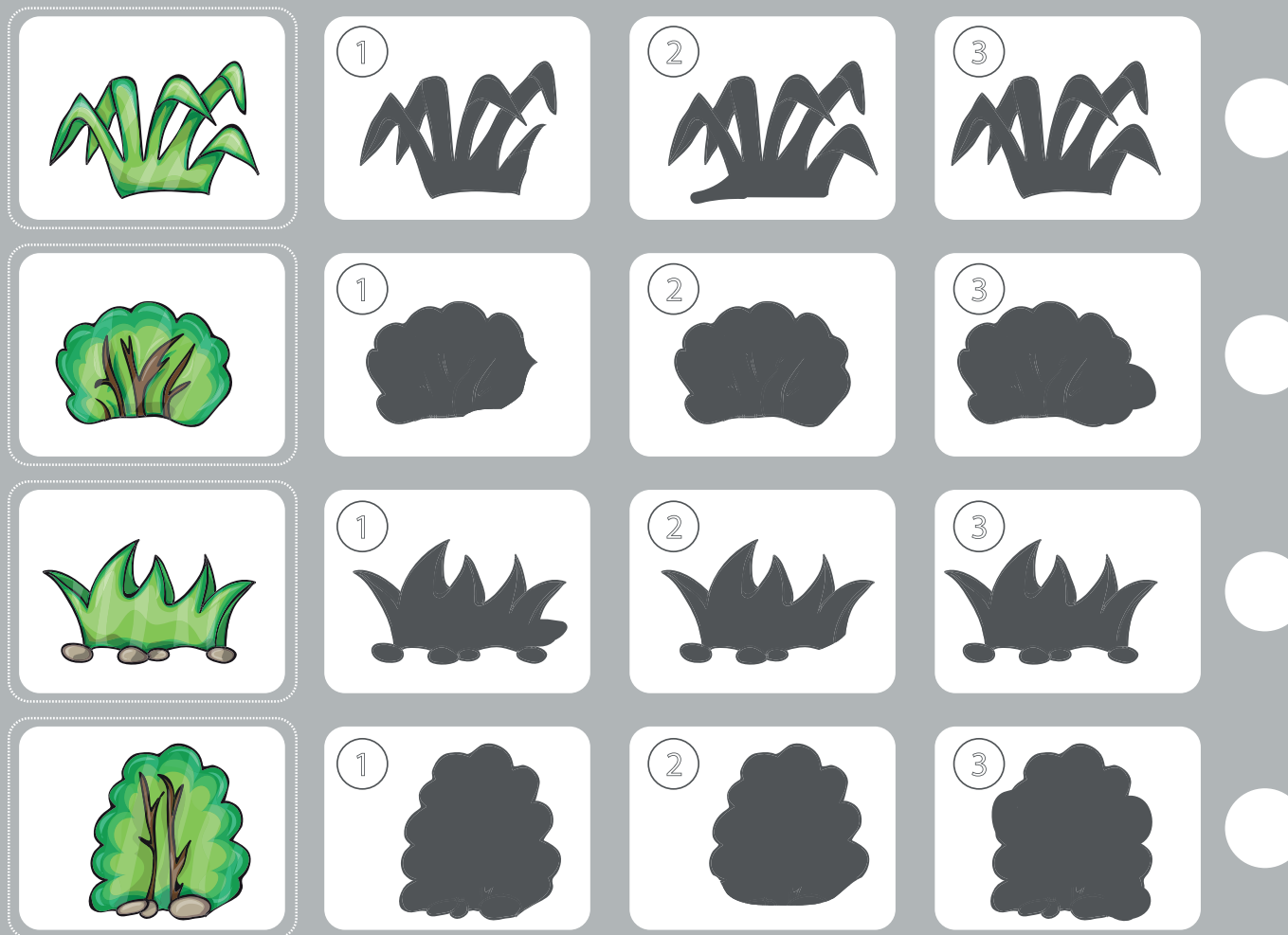
**Can you match the correct shadows to the objects?**

**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**

