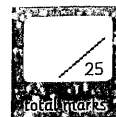


Name:

Date:

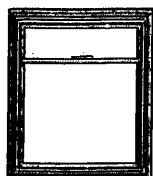


twinkl

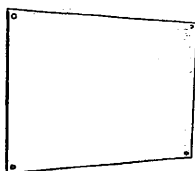
Science Assessment Year 3: Light

Light and Dark

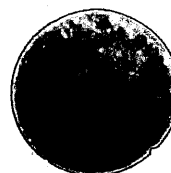
1. Circle all the things that are a light source.



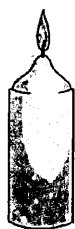
a window



a mirror



the Moon



a candle



the Sun



a torch

2. What is dark?

.....

3. Fill in the blank space in this sentence:

Light travels in a line from a light source to an object.

4. What happens to the pupil in your eye if a room gets darker?

.....

.....

Using Light

5. What happens if you shine a torch on a shiny surface?

.....

.....



6. Why do you think road signs are made out of reflective material?

.....

.....

7. Write **true** or **false** for these statements:

| Statement | True or False |
|--|---------------|
| Light reflects better off rough surfaces | |
| Cats' Eyes on roads reflect car headlights | |
| The Sun helps people make vitamin D | |
| We can see UV light | |

11. Why should you **never** look directly at the sun or other bright lights?

.....

.....

12. Think about protecting yourself from UV rays. What can you do to protect these things:

a) Your eyes:

.....

b) Your skin:

.....

.....

Shadows

13. Join up these words to the correct explanation:

| Word | Explanation |
|-------------|---|
| Transparent | Lets some light pass through but you can't see clearly through it. |
| Translucent | Does not let light pass through at all. |
| Opaque | You can see clearly all the way through. |

14. Explain how a shadow is made:

.....
.....
.....

15. How do you make a shadow bigger?

.....
.....