



Science Assessment Year 3: Light

1. Select all the things that are light sources



a window



a mirror



the Moon



a candle



the Sun



a torch

2. What is dark?

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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?

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Using Light

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

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

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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	

8. Name the colours in the visible spectrum.

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9. Name **two** dangers of UV light.

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10. Explain **one** situation when UV light is stronger.

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

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

a) Your eyes:

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b) Your skin:

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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:

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15. How do you make a shadow bigger?

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