



Light Challenge Cards

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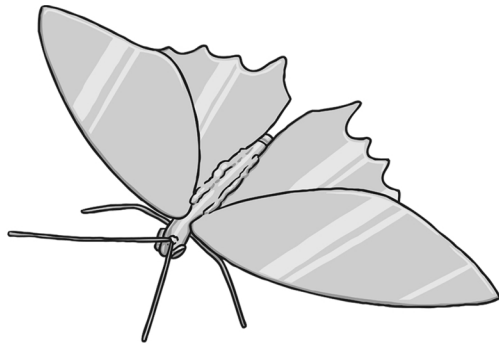
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Smooth and shiny materials reflect light well.



How can these materials be useful?

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G D F I K

Can you create an A-Z of light?

A = absorb

B = beam

C = colours

D = damage from the sun

A J C L E

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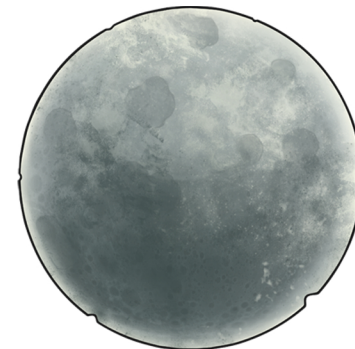
Your shadow changes throughout the day.

Can you explain how it changes and why this happens?



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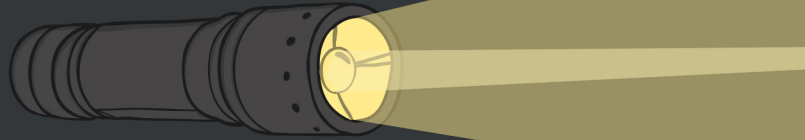
The Moon can light things up at night, but it is not a light source.



Can you explain why it appears to emit light?

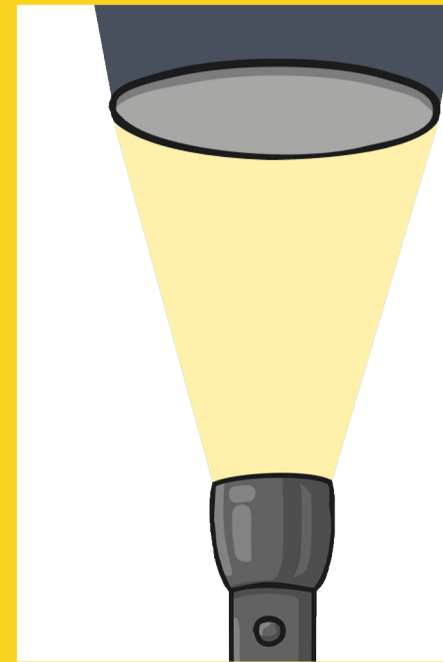
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A battery powered torch is an artificial light source, while the Sun is a natural light source.



Can you think of two other natural sources of light?

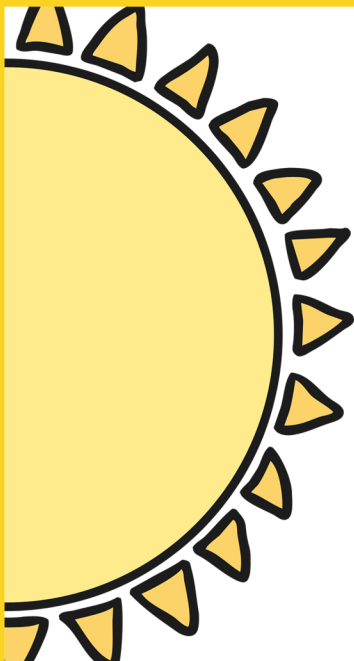
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A shadow is formed when an object blocks light, causing a darker area behind the object.

Are shadows always black?

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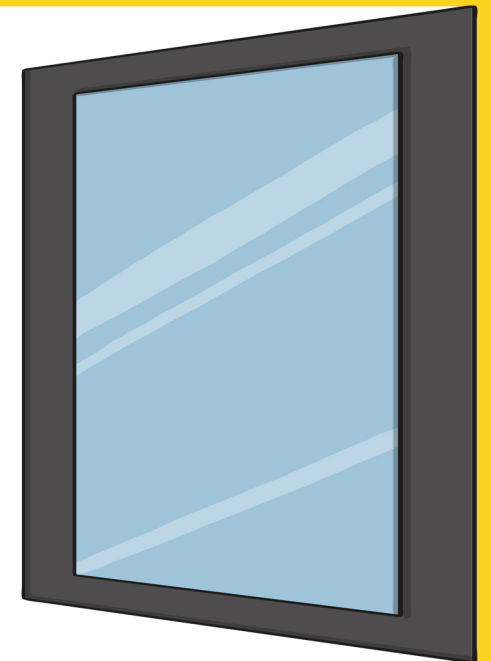
The Sun can damage our eyes if we look directly at it.

What do you think is the best way to protect your eyes in the sun?

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We often look at our reflection in mirrors.

Is the image in a mirror a true reflection of ourselves?



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