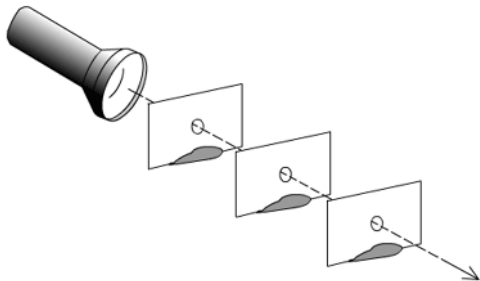


KEY VOCABULARY

Transparent— allows light to pass through
Translucent—allows some light through but not all
Opaque—does not allow light to pass through
Refraction—a change in direction of light as it passes through a material
Darkness—the absence of light
Shadow— a dark area or shape caused by the blocking of light rays
Light source—anything that makes its own light
Reflection— the throwing back by a body or surface of light without absorbing it.
UV light—Ultraviolet light produced by the sun's rays. Harmful in high quantity
Retina—a layer at the back of the eyeball which is sensitive to light
Light—The natural agent which stimulates sight and makes things visible

You might like to...

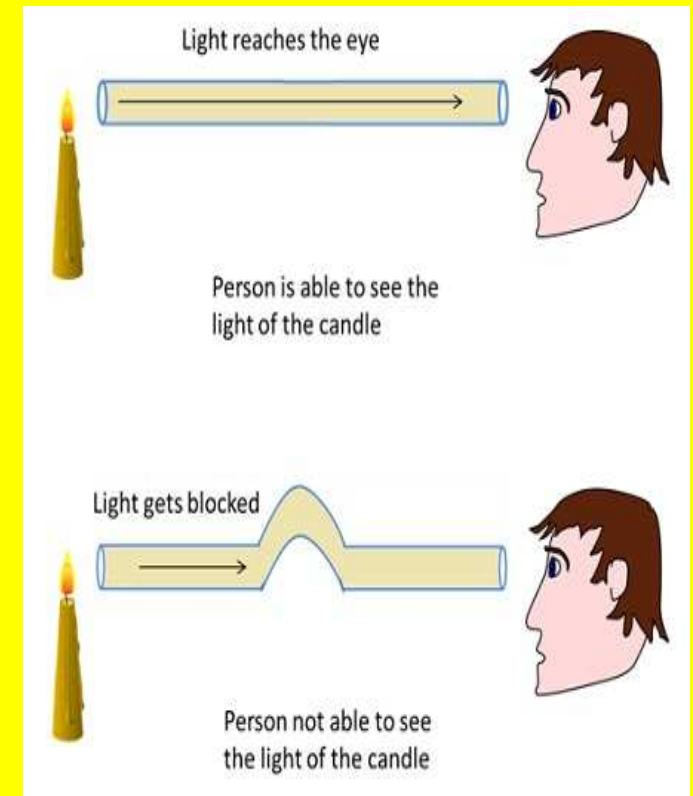
Set up this task to see light travel in straight lines



KEY FACTS

- **Sunglasses protect our eyes from the sun's harmful rays**
- **Wearing sun cream protects the skin from getting sunburn and causing long term damage**
- **The moon is not a light source. It only reflects the sun's light**
- **Carrots are rich in vitamin A, which is good for your vision**
- **The speed of light is roughly 300 million metres per second**

Diagram/Timeline



Further Reading

<https://www.theschoolrun.com/what-is-light>

QUESTIONS TO DEEPEN YOUR LEARNING

Character	Critical Thinking	Creativity	Communication	Citizenship	Collaboration
Which parts of this do I need to try harder to understand?	Why do I need to know about this?	What am I curious about?	How could I present what I understand?	How could this information help people?	What can I learn from others about this?