

True/False Questions

WRITE T or F

- A torch is an example of a light source. (.....)
- A beam of light is another word for a ray of light. (.....)
- The Sun is the main natural source of light on Earth. (.....)
- Light travels from objects to a light source so we can see them. (.....)
- Smooth, polished surfaces reflect light better than rough surfaces. (.....)
- The image you see in a mirror is light from your face reflecting off the mirror. (.....)
- In diagrams, beams of light are shown as straight lines with arrows. (.....)
- A periscope works by bending light with lenses only. (.....)
- Submariners use periscopes to see above the water while staying hidden underwater. (.....)
- Mirrors are used inside a periscope to change the direction of light. (.....)

One-Word Answer Questions

- **What is a torch an example of? (.....)**
- **What do we call a band of light? (.....)**
- **What is our main natural source of light? (.....)**
- **What does light do when it hits an object? (.....)**
- **What do we call the picture of your face in a mirror? (.....)**
- **What instrument uses mirrors to see above obstacles? (.....)**
- **Who uses a periscope under the sea? (.....)**
- **What type of surface reflects light best? (.....)**
- **In diagrams, what do we draw to show light travel? (.....)**
- **What do arrows on light rays show? (.....)**

Match

Light source

Bouncing back of light from a surface into our eyes

Beam of light

Tool used by submariners to see above the water without being seen

Reflection

Smooth surface that produces a clear image

Mirror

Natural example is sunlight, artificial example is a torch

Periscope

A straight line that shows the path of light

Polished surface

What you see in a mirror, formed by reflected light

Eye

Several rays of light grouped together

Arrow in diagram

Detects reflected light and allows us to see

Black surface

Object that absorbs all light

Symbol used to show direction of light travel