

## **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**

<b>Light source</b>	<b>Bouncing back of light from a surface into our eyes</b>
<b>Beam of light</b>	<b>Tool used by submariners to see above the water without being seen</b>
<b>Reflection</b>	<b>Smooth surface that produces a clear image</b>
<b>Mirror</b>	<b>Natural example is sunlight, artificial example is a torch</b>
<b>Image</b>	<b>A straight line that shows the path of light</b>
<b>Periscope</b>	<b>What you see in a mirror, formed by reflected light</b>
<b>Polished surface</b>	<b>Several rays of light grouped together</b>
<b>Eye</b>	<b>Detects reflected light and allows us to see</b>
<b>Arrow in diagram</b>	<b>Object that absorbs all light</b>
<b>Black surface</b>	<b>Symbol used to show direction of light travel</b>