

The background is a dark, textured surface, possibly a chalkboard, covered with faint, light-colored sketches. These sketches include a globe, a microscope, a stack of books, a cross, a percentage sign, and various geometric shapes and lines. A large white rectangular area is positioned in the upper right, and a solid yellow horizontal bar is located below it.

To understand reflectivity.

Success Criteria

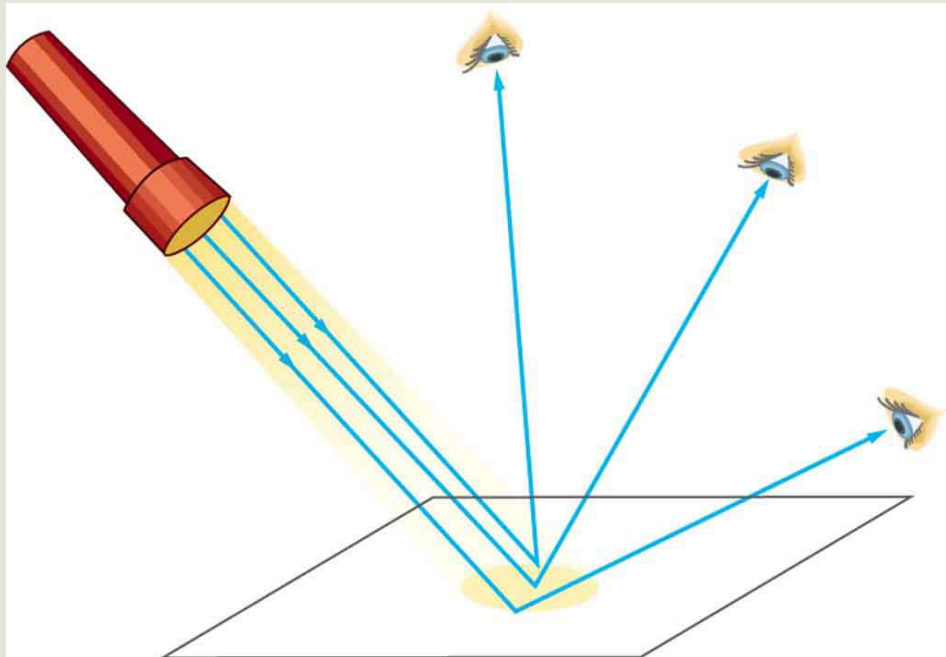
Objective: To understand reflectivity.								
	Guided		Independent		Group/Paired		TA Guided	
<u>Success Criteria</u>						<u>Self</u>	<u>Peer</u>	<u>CT</u>
I know that light can be reflected by objects.								
I can represent the direction of a beam or ray of light travelling from a light source by a straight line with an arrow.								
I can use the properties of reflection to make a periscope.								

What does 'reflectivity' mean?

- Can you find any surfaces in the room that have reflective qualities?
- What should the light look like when it is reflected?

Reflected light

- Reflected light will change direction



Let's try this using a torch and a mirror

Can you draw a diagram of this in your book?
Use a ruler and remember to use arrows to show the direction of light

What happens when the surface of reflective material isn't flat?

- Using tin foil and a torch.
- Scrunch the foil so it is no longer flat and repeat the same process. What do you notice?
- Draw a new diagram to show what is happening and add some sentences to explain this.

Plenary: mirror writing challenge

- Write your name in capitals (large enough also) and use a mirror to mirror write your name. Keep replacing the mirror to check how the letters should be formed.
- Complete s/c

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