

What should I already know?

- Light is needed in order to see things and that dark is the absence of light
- The idea that light is reflected from surfaces
- How light from the sun can be dangerous and that there are ways to protect their eyes
- Some common appliances that run on electricity
- How to construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers
- How to identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery

Vocabulary

Electricity Vocabulary

voltage:

negative terminal:

positive terminal:

resistance:

Light Vocabulary

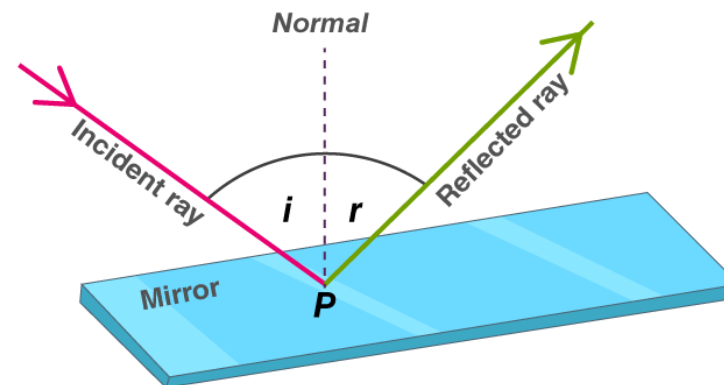
absorb:

angle of incidence:

angle of reflection:

refraction:

Diagram



All Saints Academy Primary School

Theme: Light and Electricity

Year: Six

Subject: Science

Q1) Increasing a circuits cells will:	Start of Unit:	End of Unit:
Increase circuit voltage		
Decrease circuit voltage		
Make a bulb shine weaker		

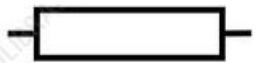


Q5) Objects can be seen because:	Start of Unit:	End of Unit:
They are sat in light		
They absorb light		
They reflect light		

Q2) The purpose of a negative terminal is to:	Start of Unit:	End of Unit:
Allow electrons to flow from the negative terminal to the positive terminal to create a circuit		
Allow voltage to flow through the circuit		
Receive electrons flowing from the positive terminal		

Q6) Which objects form shadows?	Start of Unit:	End of Unit:
All objects		
Objects that are opaque		
Objects that reflect light		

Q3) A battery cathode is:	Start of Unit:	End of Unit:
A battery's positive terminal		
A battery's negative terminal		
A battery's electrodes		

Q8) Reflected light will always be:	Start of Unit:	End of Unit:
Opposite to the incident ray		
Perpendicular to the incident ray		
The reflection of light		
At an angle greater than the incident ray		

Q4) Which symbol represents a 2 cell battery?	Start of Unit:	End of Unit:
		
		
		

All Saints Academy Primary School

Theme: Light and Electricity

Year: Six

Subject: Science

--	--	--