

Lesson 2 Reflection and Mirrors

Scan Lesson 2. Read the lesson titles and bold words. Look at the pictures. Identify three facts you discovered about reflection and mirrors. Record your facts in your Science Journal.

Main Idea

Reflection of Light

I found this on page _____.

I found this on page _____.

Mirrors

I found this on page _____.

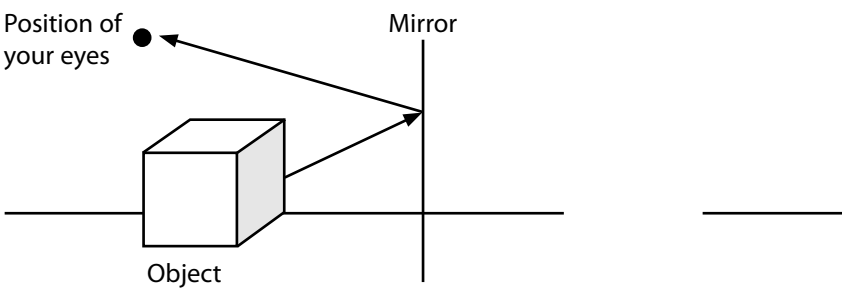
Details

Model the law of reflection. Label the normal, the angle of incidence, and the angle of reflection.

Contrast regular reflection and diffuse reflection.

Regular Reflection	Diffuse Reflection
Definition:	Definition:
Incident rays: parallel	Incident rays: parallel
Reflected rays:	Reflected rays:

Depict your brain's perceived position of the image of an object reflected in a plane mirror.



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Lesson 2 | Reflection and Mirrors (continued)

Main Idea

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I found this on page _____.

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Details

 **Explain** terms associated with a concave mirror.

Term	Explanation
Concave mirror	
Optical axis	
Focal point	
Focal length	

Differentiate a convex mirror *from* a concave mirror.

 **Contrast** the types of images produced by three different types of mirrors.

Plane Mirror	Concave Mirror	Convex Mirror

 **Analyze It** Is a spoon more like a concave mirror or a convex mirror?
