

Nova's Bright Light Flashcards

Learning objective: To identify light sources and understand how light behaves, including reflections and shadows.

Read the front of each card. Try to say the answer out loud before checking the back. Nova the owl is here to help you learn!

What is a light source?	Is the Moon a light source?
An object that makes its own light, like the Sun or a torch.	No, it reflects light from the Sun.
What is a shadow?	What does opaque mean?
A dark area made when an object blocks light.	A material that lets no light through, like wood or metal.
What does transparent mean?	What is reflection?
A material that lets all light through, like clear glass.	When light bounces off a surface.
What is the best surface for a reflection?	Does light travel in straight lines?
A smooth, shiny surface like a mirror.	Yes, light travels in straight lines.
What happens to a shadow if the light source moves closer?	Why should you never look directly at the Sun?
The shadow gets bigger.	It is too bright and can hurt your eyes.