

LIGHT



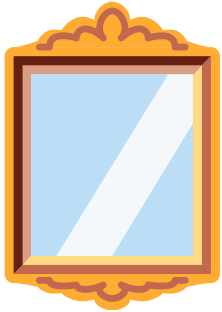
DID YOU KNOW?

- Light is formed of rays and travels in a straight line.
- It travels very fast at the speed of 300,000 km in a second!
- Light continue to travel in straight line until it hits something else.
- Light does not bend, it can only be blocked.
- Light can be absorbed and changed to heat
- Light bounces of an opaque object

Light: Properties

Reflection

When it bounces off mirror or shiny surface



Refraction

It bends when moving from one medium to another



Dispersion

Light can be separated into its 7 colors when it passes through a prism



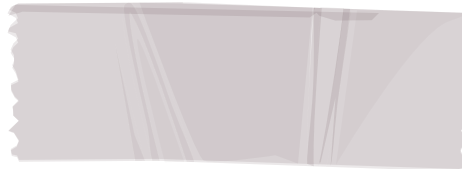
Transparent

Objects that let all light pass through them



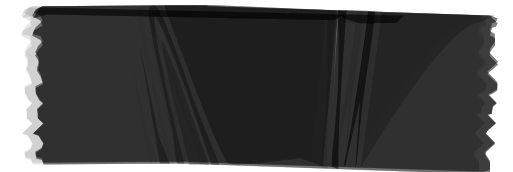
Translucent

Objects that let some light pass through them



Opaque

Objects that let no light pass through them



GAME: LIGHT HUNT!

Look around the room to find 4 things that transmit, reflect, refract, and disperses light.



Reflects



Disperses

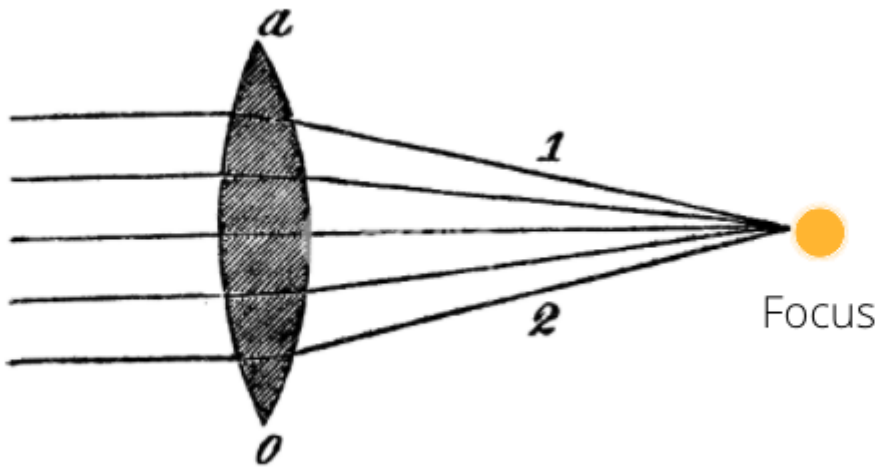


Refracts

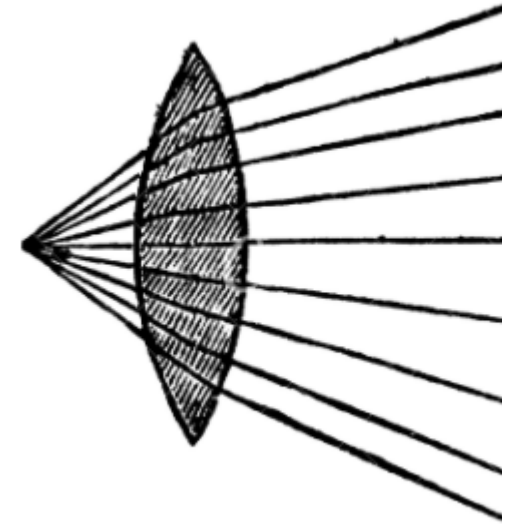


Transmits

Light on Convex or Concave lens



Convex lens converges rays of light



Concave lens diverges light beams