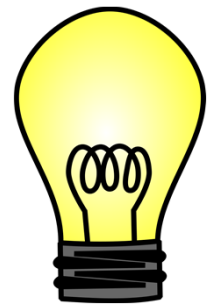




# Light



Light is a type of energy that the eyes detect. Although light like sound is wave energy, it is also particles. Light travels in

the form of rays that move in straight lines from a source. It travels so quickly in waves that it can light up rooms immediately. There are two types of light, natural and artificial or man made. Natural light comes from the sun and the stars and artificial light comes from sources like electricity, and batteries. Light can reflect or bounce from surfaces, especially shiny surfaces. The further away the light source, the dimmer the light and the closer the light source, the brighter the light. This is because the intensity of light changes with distance. A light can pass through thin paper and glass but it cannot pass through a person. A shadow is formed when something solid blocks light. Objects are seen when light illuminates them or if they give off their own light. The moon is illuminated off the sun which is why it can be seen sometimes, when the side of the moon is not being illuminated by the sun, the moon cannot be seen. Most objects will not give off any light by themselves, but can be seen when light waves bounce off of them.

- 1. Use your own words to explain what light is:**
- 2. Explain where light comes from:**
- 3. Explain why you can't see objects in a dark room.**