

Sai Prem Light's and Sound



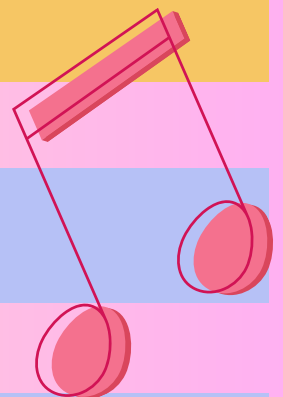
Sai Prem Light's and sound are forms of energy that help us see and hear the world around us.

Light's

- Light is a type of energy that travels in waves.
- Light helps us see objects.
- Light travels in straight lines until it hits something.
- Examples of light sources: Sun, lamps, flashlights.

Properties of Light

- Properties of light help to show it spreads
- Reflection: When light bounces off a surface.
- Refraction: When light bends as it passes through different materials.
- Shadows: Dark areas formed when light is blocked by an object.



Sound

- Sound is a type of energy produced by vibrations.
- Sound travels in waves through air, water, and solids.
- Sound helps us hear voices, music, and noises.
- Examples of sound sources: Voices, musical instruments, animals.

Properties of Sound

- Properties of sound help to show how it travels
- Pitch: How high or low a sound is
- High pitch = high frequency
- Low pitch = low frequency
- Volume: How loud or soft a sound is. Loud sounds have more energy, soft sounds have less.
- Echo: Reflection of sound waves off surfaces, causing a repeated sound.

