

Science Chapter B4 Study Guide

- Sound travels faster through soft wood than it does through air, salt water, or water.
- Sunlight is white light.
- Some sounds are louder than others because they are made with more energy.
- The only kinds of energy waves you can see are light waves.
- All sounds are alike because vibrations cause them all.
- Laser beams are more powerful than regular light because all laser waves have the same wavelength.
- Light bends when it moves from one material into another.
- A red flower is red because it absorbs every color of light except red light.
- The lenses inside your eyes are concave.
- You cannot see a reflection in a rough surface because rough surfaces scatter the light waves that hit them
- A bullhorn is a kind of microphone that you can hold.
- An amplifier makes sounds louder.
- Light moves in a straight line from its source.
- Reflects means bounces back.
- The visible spectrum is light energy that we can see.
- Translucent allows light to pass through but scatters it.
- A laser is a thin beam of powerful light.
- A stethoscope concentrates sound waves making them seem louder. A microphone and a bullhorn change sound energy into an electrical signal and then amplify the electrical signal.
- When light rays hit a mirror, they bounce off the shiny surface forming an image of the object.