

Quick Vocabulary

Lesson 1

echo reflected sound wave

longitudinal wave a wave in which particles move in the same direction as the wave

pitch perception of how high or low sounds seem

sound wave longitudinal wave that can travel only through matter

Lesson 2

light ray narrow beam of light that travels in a straight line

light source something that emits light

opaque material through which light does not pass

translucent allows most light to pass through but forms a blurry image

transparent allows almost all light to pass through and forms a clear image

Quick Vocabulary

Lesson 3

convert to change from one form
into another

cornea transparent tissue layer
located on the outside of the eye

iris colored part of the eye

lens transparent object with at least
one curved side that causes light
to change direction

mirror any reflecting surface

pupil opening to the interior of the
eye through which light enters

retina layer of light-sensitive cells in
the back of the eye