

## Light Energy Study Guide

absorbed light	light that is taken in or held; dark colors absorb light
angle	the distance between two lines or surfaces
concave lens	curving inward, thinner in the middle than on the ends; makes things look smaller
convex lens	curving outward, thicker in the middle than on the ends; makes things look bigger
crest	top of a wave
eclipse	a shadow created by the sun or the moon
image	a picture
lens	pieces of glass that bend light
light	energy that travels in waves
opaque	material that totally blocks light
prism	glass or plastic that bends light waves as they pass through
protractor	an item used to measure angles
radiant energy	energy that travels in waves or rays such as light
reflected light	light bounced back from a surface (like mirrors); colors that we can see
refracted light	bent light waves traveling from one substance to another
shadow	an area without light
translucent	material that lets some light pass through
transparent	material that lets light clearly pass through
visible light	wave energy that can be seen (made of colors)
wavelength	the distance between two waves from crest to crest