

# Behavior of Light

Drag and drop:

translucent

opaque

black

transmits

colors

white

absorbs

transparent

reflect

filter

refraction

regular

color

diffuse

For you to see an object, it must 1. \_\_\_\_\_ light. A

2. \_\_\_\_\_ reflection shows a clear image, like that in a mirror. A

brick wall causes a 3. \_\_\_\_\_ reflection. A material through which

nearly all light passes is 4. \_\_\_\_\_. A material that lets some light

pass through is 5. \_\_\_\_\_. No light passes through

6. \_\_\_\_\_ objects.

all visible wavelengths of the spectrum. 7. \_\_\_\_\_ objects absorb

all colors and reflect little light.

White light is separated into the colors of the spectrum through

8. \_\_\_\_\_.

One way of producing color is by the use of a 9. \_\_\_\_\_,

a transparent object that 10. \_\_\_\_\_ some colors and allows others

to pass through. The color of the filter is the same as the color of light it

11. \_\_\_\_\_.