**Light Vocabulary**

**Visible Light**

* The wave energy we can\_\_\_\_\_\_\_\_
* Made of many \_\_\_\_\_\_
* Light waves travel in \_\_\_\_\_\_\_\_\_\_\_\_ lines

**Radiant Energy**

* \_\_\_\_\_\_\_\_ given off by the\_\_\_\_\_\_\_
* Travels in \_\_\_\_\_\_\_\_
* Another name for\_\_\_\_\_\_\_ energy

**Absorb**

* When light waves \_\_\_\_\_\_\_\_\_\_ a substance and change into other forms of \_\_\_\_\_\_\_\_\_.
* \_\_\_\_\_\_ colors \_\_\_\_\_\_\_\_\_ more light

**Reflect**

* When light waves \_\_\_\_\_\_\_ off something else

**Refract**

* When light waves \_\_\_\_\_\_\_\_\_\_
* Light waves are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_as they pass through water.

**Spectrum**

* \_\_\_\_\_\_\_\_\_ light is made of all the colors of the\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**ROY G BIV**

* The colors of the \_\_\_\_\_\_\_\_\_
* Red, \_\_\_\_\_\_\_\_\_, Yellow, Green,\_\_\_\_\_\_\_, Indigo, Violet
* \_\_\_\_\_\_\_\_\_ has the \_\_\_\_\_\_\_\_\_ wavelengths

 (bent the\_\_\_\_\_\_\_\_\_)

* Violet has the \_\_\_\_\_\_\_\_\_ wavelengths (bent the \_\_\_\_\_\_\_\_\_)

**Prism**

* A piece of \_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_ that bends light waves

**Opaque**

* An object that does\_\_\_\_\_\_allow \_\_\_\_\_\_\_\_ waves to pass \_\_\_\_\_\_\_\_ it
* You \_\_\_\_\_\_\_\_\_ see \_\_\_\_\_\_\_\_\_\_ these objects

**Translucent**

* An object that allows a \_\_\_\_\_\_\_ light waves to pass through it
* You can \_\_\_\_\_\_\_\_ see through these objects

**Transparent**

* An object that \_\_\_\_\_\_\_\_ light waves to pass \_\_\_\_\_\_\_\_\_
* You can ***see \_\_\_\_\_\_\_\_\_\_\_\_\_\_*** these objects