

Activity 1: Light Introduction Fill in the Blanks:

natural absorbed luminous Moon
reflected Sun non-luminous artificial transmitted

Objects that are visible because they emit light are said to be _____. An example of a luminous object is the _____! Objects that do not emit light are called _____. The _____ is an example of a non-luminous object. We are able to see non-luminous objects because light is _____ from the object into our eyes.

Some sources of light exist naturally in the environment and are called _____ sources. Other sources of light are _____-they are made by humans.

When light strikes an object it can be reflected, _____ or _____.

Activity 2: Identifying Sources of Light

As you rotate around the stations, record the items at each station. Some items are represented by pictures. Follow the directions at stations where you must activate the items in order for them to emit light.

Station	Item Description How is light emitted? What did you observe?	Type of Light Emission Bioluminescence Chemiluminescence Combustion Electric Discharge Fluorescence Fusion Reactions in Sun or Stars Incandescence Phosphorescence
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		