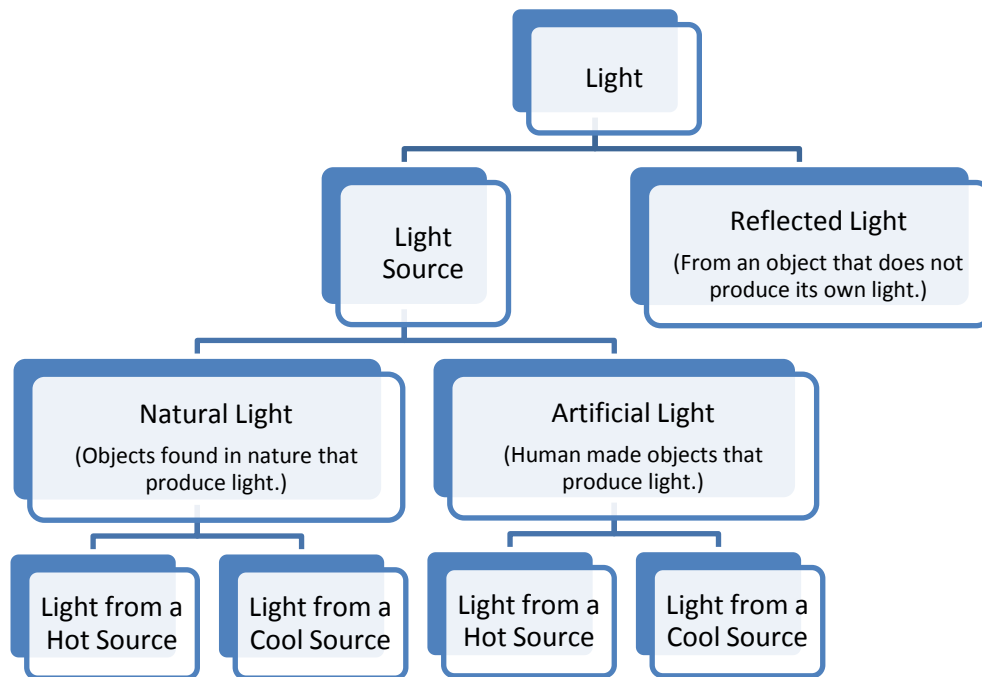


Name: _____

Date: _____









LIGHT SOURCES

The light we see can be divided into two categories: Light sources and reflected light. The sources of light can then be looked at in two sub categories: Natural light sources and artificial light sources. Both of these types of light sources can either come from hot sources or from cool sources. The organizer below will help you to follow this organization.



Your task is to use this information to fill in the chart on the back of this page. For the column labelled “How does this object produce light?” choose one of the sentences below:

- Raindrops in the air act like prisms, splitting sunlight into different colours.
- Flammable substances combine with oxygen and burn.
- A sudden flow of electricity from a thundercloud to the earth.
- Mercury, a gas inside the tube, gives off energy seen as light.
- Illuminated by the sun, and reflects light down to the earth.
- Gas particles collide and give off extreme amounts of energy.
- An electron gun fires electron beams rapidly at the screen.
- Electricity flows through a thick metal coil, which burns red hot.
- Certain chemical containing organs in the body use energy to produce light.

Object	Source/ Reflected	Natural/ Artificial	Hot/Cool	How does this object produce light?
Television Screen 				
Stars 				
Neon Sign 				
Fire 				
Fire-Fly 				
Lightning 				
Stove Element 				
Moon 				
Rainbow 