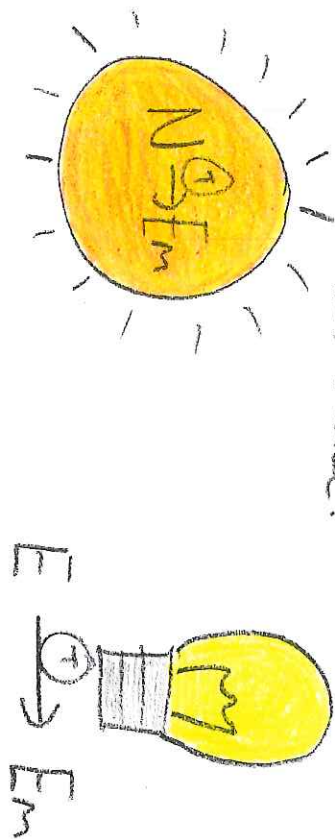


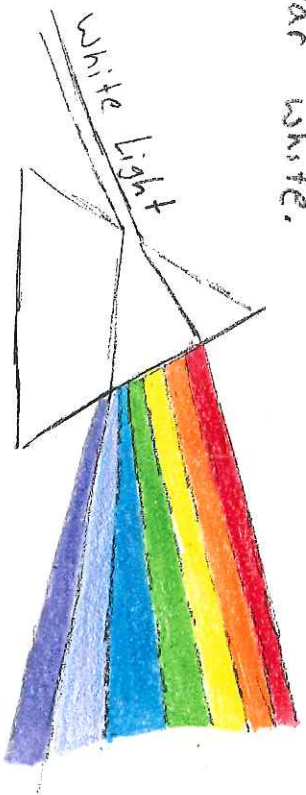
All light comes from the Sun or is man-made.



We can only see light that has a wavelength within the visible spectrum (400-700 nm)

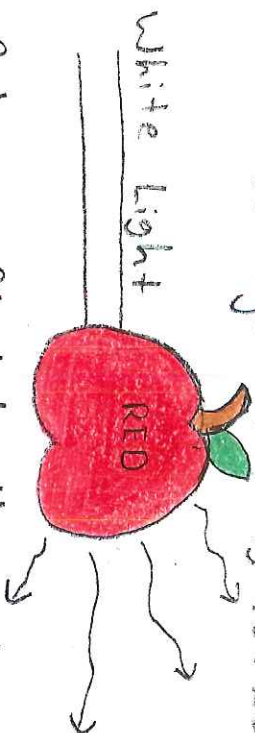


When all light is reflected, It will appear white.



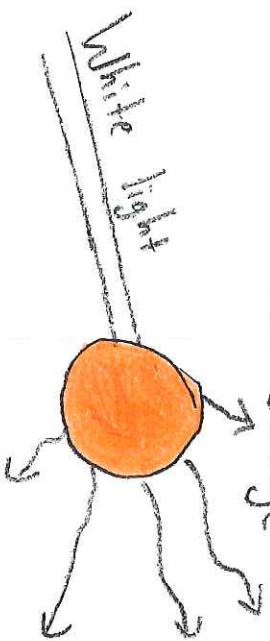
A prism can be used to separate the light.

Colors are determined by the WL of light that is reflected.



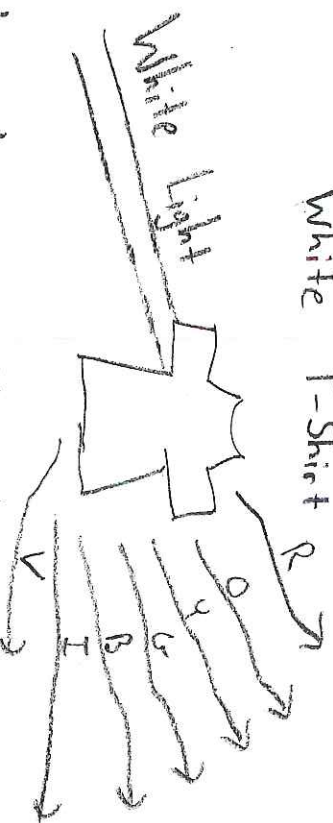
Red is reflected, other colors are absorbed

An Orange



Orange is reflected, other colors are absorbed

White T-Shirt



All light is reflected. = WHITE

Black T-Shirt



All light is absorbed = BLACK