

Light: a form of energy
from the sun

**Electromagnetic
Radiation:** Type of energy
that travels in the form of
rays and waves

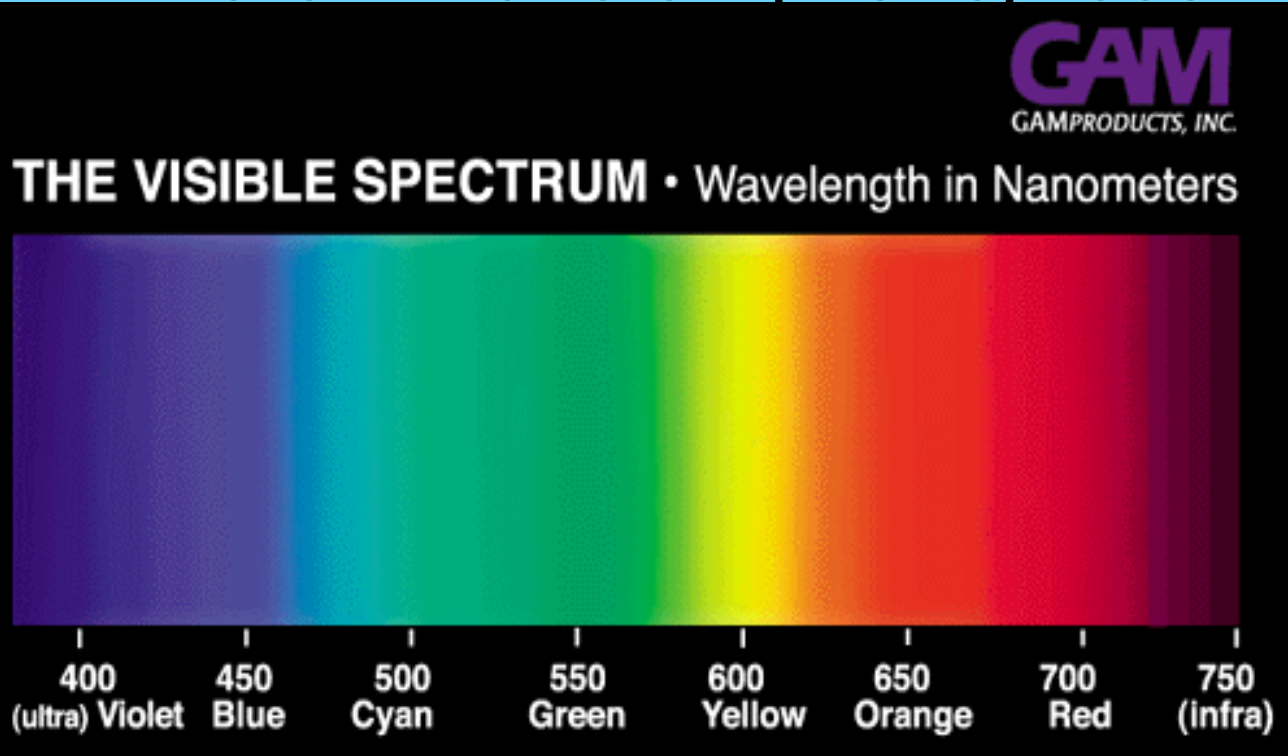
Ex: gamma rays, x-rays, UV light, visible
light, infrared radiation, microwaves, and
radio waves

Electromagnetic Spectrum

- the arrangement of the different types of electromagnetic radiation (like a pattern)
- arranged according to wavelength and frequency
- In this class: we will focus on visible light

- frequency: how many time a wavelength passes a particular point

- Different wavelengths represent different colors



Violet	380-440
Blue	440-500
Green	500-560
Yellow	560-590
Orange	590-640
Red	640-750