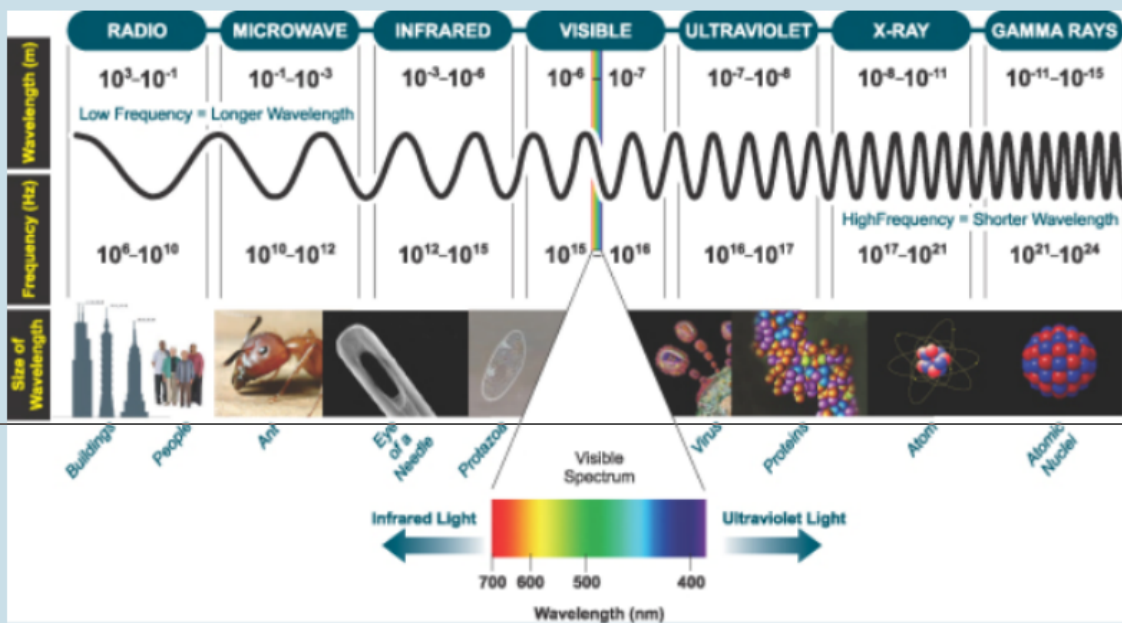


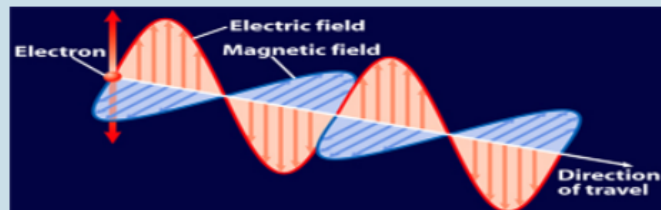
Electromagnetic Spectrum



Electromagnetic Spectrum

- composed of vibrating electric & magnetic fields that regenerate each other.

- transverse wave



- does not require a medium

- all travel @ same rate – speed of light 300,000,000 m/s.

- $v = f\lambda$ $v = 3.0 \times 10^8$ m/s (in air/vacuum)

- f & λ determines EM wave, color, etc.

