

# The Electromagnetic Spectrum

Light can move through empty space by causing electrical and magnetic fields to vibrate, it is a form of **electromagnetic** energy.

Electromagnetic waves come in many forms, visible light is actually a very small part of the electromagnetic spectrum.

# The EMS:

Radio waves

Microwaves

Radar waves

Infrared waves

Visible Light

Ultraviolet waves

X Rays

Gamma rays



Longer  
wavelength



Shorter  
wavelength

Pg 163: 1-3, 8-11