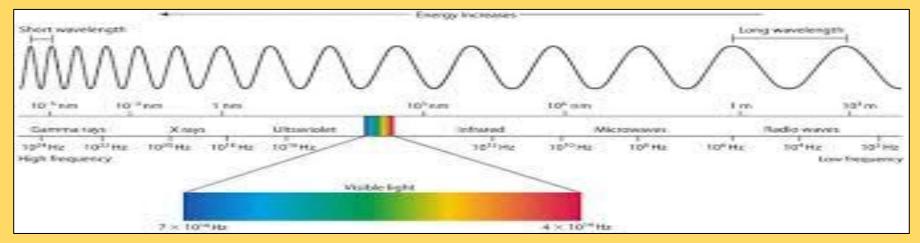
Studying the Sun

Chapter 24

24.1: The Study of Light

Electromagnetic spectrum: the arrangement of waves according to their wavelengths and frequencies.





Light behaves in two ways:

- Like waves→ wavelengths
- Like particles → photons

Photons: extremely small bullets of light, exerting radiation pressure

- Each photon has a specific amount of energy related to wavelength
- Shorter wavelength= more energetic photons
- Longer wavelengths= less energetic photons

white card spectrum

white card spectrum

red orange yellow green
blue indigo violet

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Light, a Long History

