

Chapter 9 Definitions

Grade 8 Science

Spectrum

Incoherent

Solar Spectrum

Coherent

Additive Primary Colours

Electromagnetic Spectrum***

Secondary Colours

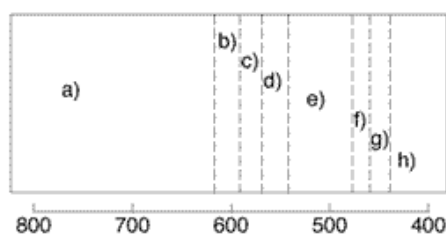
Infrared Radiation

Rods

Radio Waves***

Cones

Colour Blindness



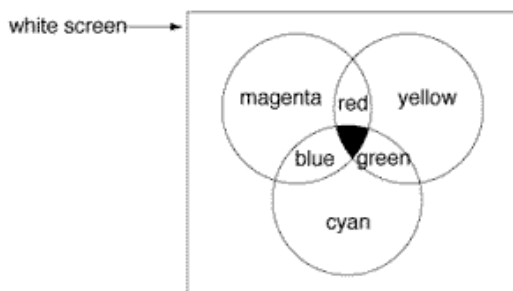
Longer wavelength
Lower frequency

Wavelength
(nanometres)

Shorter wavelength
Higher frequency

Subtractive Primary Colours

Complementary Colours



Microwaves

Crests

Radar

Troughs***

Ultraviolet (UV) Radiation

Wavelength***

Ozone Layer

Amplitude

X Rays

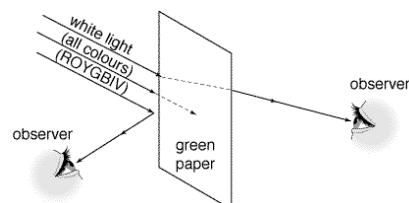
Frequency

Gamma Rays

Hertz

Radiation Therapy

Wave Model of Light***



Laser

***** 3Point Approach**