wave

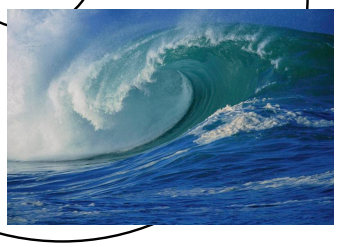
a disturbance

transferees energy

transferees from place to place

energy

ability to do work



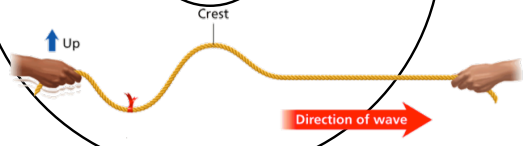
medium

material

what a wave travels through

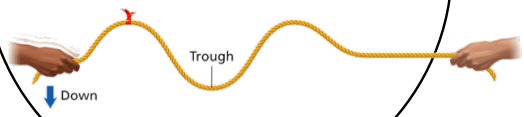
crest

high point of the wave



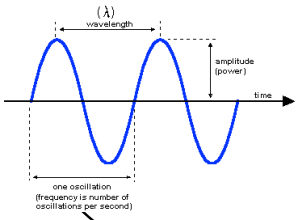
low point of the wave

trough



amplitude

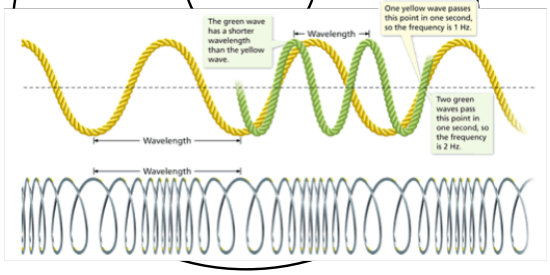
maximum distance between crest and trough



crest to crest or trough to trough

wavelength

maximum distance



number

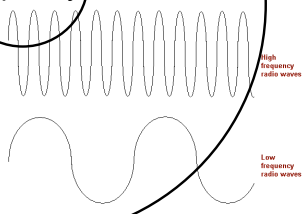
completed waves

passing on point in a certain time

frequency

per second

per minute

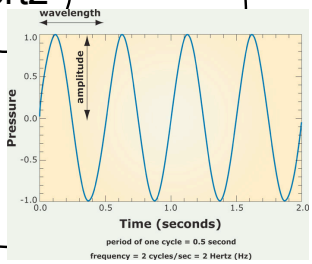


measurement of frequency

Hz

numbers

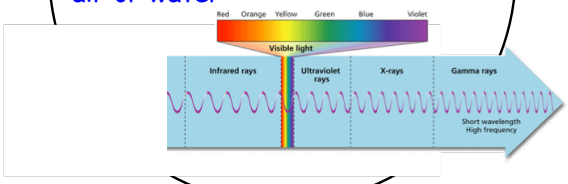
hertz



energy transferred through space

electromagnetic radiation

do not need medium like air or water

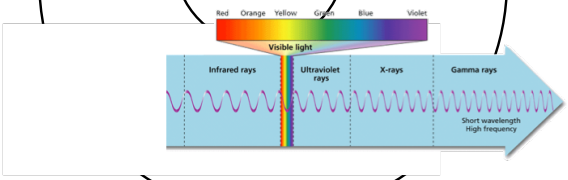


complete range

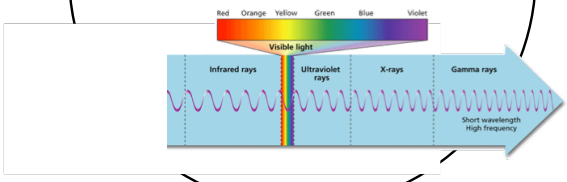
increasing order

electromagnetic spectrum

all electromagnetic waves



are electromagnetic

visible light

can be seen