



All electromagnetic waves are transverse waves, can move through a vacuum.

All move at a constant speed, "speed of light"  $3.0 \times 10^8 \text{ m/s}$

Test topics:

Waves:

- types and parts of a wave
- properties,
- behavior

relationship between frequency and wavelength

Speed = wavelength x frequency

Sound

- pitch-frequency
- volume-amplitude

behavior of sound waves

Doppler Effect

cause and effect of it

Electromagnetic waves

properties and classifications

Check "The Physics Classroom" for additional  
help