

cut out around outside edge and glue on  
15N page under Mechanical Flap.

**1** ○ **Transverse** waves move up and down or side to side (like a snake)

They move at a right angle to the energy (**PERPENDICULAR**)

Transverse wave      Amplitude      Trough      Wavelength      Motion: Right 90° Angle

**2** ○ **Longitudinal or Compressional** waves move BACK and FORTH (like an accordion)

They move in the same direction as the energy **Looks like a LOG (Parallel)**

Longitudinal wave      Compression      Rarefaction      Wavelength      Motion: Parallel

Do NOT cut Apart Here →

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cut out and glue on 15N pg under EM Flap

Radio	Micro	Infrared	Visible Light	Ultra-Violet	X-ray	Gamma
<p>Lowest Frequency</p>			<p>ROY G BIV</p>			<p>Highest Frequency</p>
<p>Longest Wavelength</p>						<p>Shortest Wavelength</p>
<p>Lowest Energy</p>						<p>Highest Energy</p>