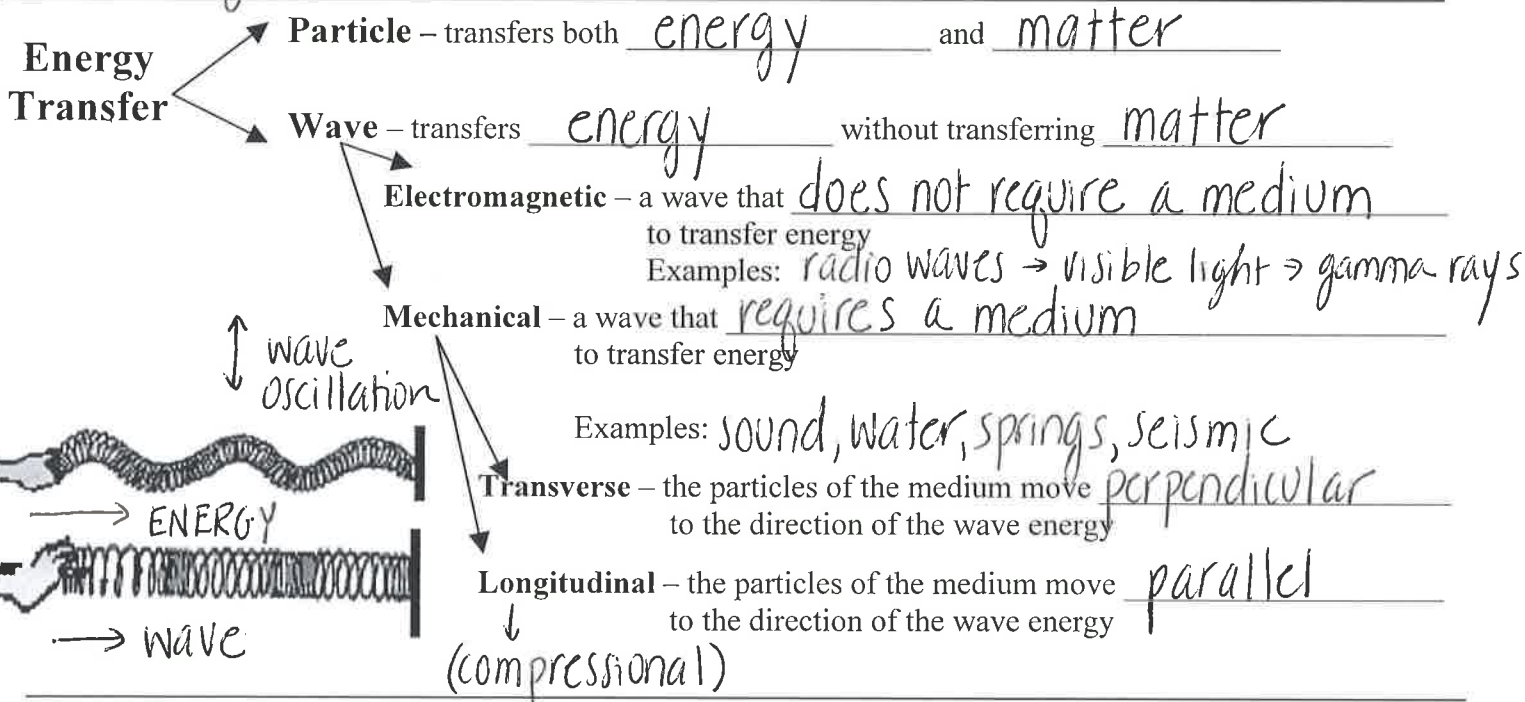


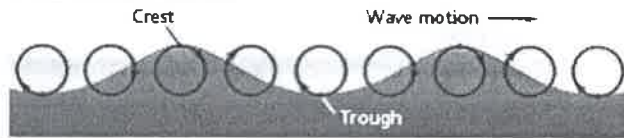
Waves

- 1. medium the material through which the wave (energy) is traveling
- 2. pulse a single oscillation or disturbance of the medium
- 3. traveling wave a series of pulses or oscillations that move through a medium



4. Other types of mechanical waves

Elliptical wave (surface wave): combination of transverse + longitudinal
 Torsional wave: twisting

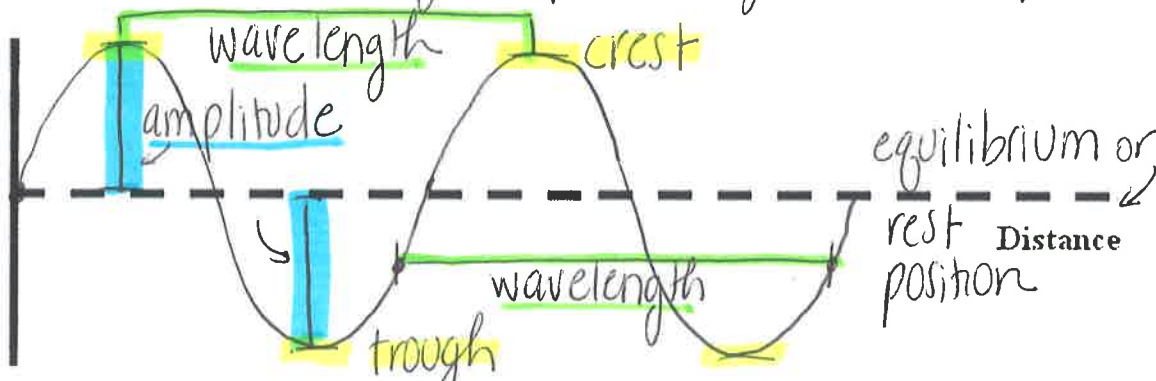


Wave Characteristics

Period of a Cycle: the time it takes one wavelength to pass through a certain pt.

5. On the axes at right, sketch two cycles of a transverse wave.

Vertical position



6. Label the following parts of the wave you drew: equilibrium position, crest, trough, amplitude, wavelength

cycle - a complete set of any event that repeats