

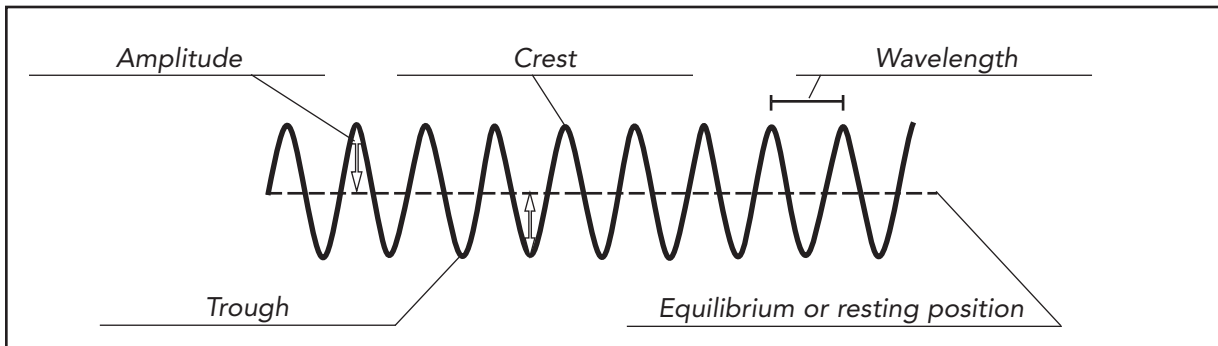
THE CHARACTERISTICS OF WAVES

Complete this concept review handout and keep it as a record of what you have learned.

DEFINITIONS

- A wave is is a disturbance that travels through a medium. A wave transports energy; it does not transport matter.
- A transverse wave is a wave that propagates perpendicular to the motion of its medium.
- A longitudinal wave is a wave that propagates parallel to the motion of its medium.
- The amplitude of a wave corresponds to the maximum distance travelled by a particle in the medium compared to its position at equilibrium.
Symbol: A
- The amplitude of a wave corresponds to the length of a wave's complete cycle.
Symbol: λ
- Frequency corresponds to the number of cycles per unit of time.
It is measured in hertz (Hz).

CHARACTERISTICS OF TRANSVERSE WAVES



CHARACTERISTICS OF LONGITUDINAL WAVES

