Chapter 17 Mechanical Waves and Sound

What does a wave carry?

What is a Mechanical wave?

What is a Medium?

Know the 3 types of waves:

Transverse –

 Crest –

 Trough –

Longitudinal –

 Compression –

 Rarefaction -

Surface –

Know the 3 properties of a wave:

Frequency –

Wavelength –

Amplitude –

How are frequency and wavelength related?

Speed of a wave = frequency x wavelength

Know the behaviors of a wave:

Reflection –

Refraction –

Diffraction –

Interference –

 Constructive –

 Destructive –

Standing Wave –

 Node –

 Antinode –

Name some uses for Sound:

Pitch –

Intensity –

The Doppler Effect –

Know the Parts of the Ear:

Inner –

 Ear Flap

 Ear Canal

Middle –

 Hammer –

 Anvil –

 Stirrup –

Inner –

Chochlea –

Auditory Nerve –