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 –