

8th Grade Study Guide

Chapter II

Sound

THE NATURE OF SOUND Section 1

- Describe what sound waves are.
- Identify the factors that change the speed of sound.
- Identify the parts of the ear that are used in hearing.

PROPERTIES OF SOUND Section 2

- Define loudness, intensity and pitch. Connect these with the characteristics of a compressional wave.
- Identify the factors that cause the Doppler effect.

MUSIC Section 3

- Define music.
- Identify sound quality.
- Identify the purpose of a resonator on a musical instrument.
- Define beats.

USING SOUND Section 4

- Define acoustics.
- Illustrate echolocation, sonar and ultrasound; identify its uses.
- Identify the purpose of a resonator on a musical instrument.

IT'S PROBABLY A GOOD THING THAT
I NEVER GET TO PICK BAND NAMES.

