

Grade 6 Science Test OUTLINE

Hear & Sound

Sound- is a transfer _____

Vibrations – are called _____ waves.

The reason why we hear sound is because _____

What are 2 types of waves? _____, _____

Transverse waves - are waves where _____

What type of waves travel through transverse waves? _____.

Longitudinal waves are waves _____

What type of waves travel through longitudinal waves? _____.

Diffraction.- _____

Oscilloscope.- _____

Amplitude – the _____

Increase amplitude → _____ sound waves are _____ and have more amplitude.

Decrease Amplitude → _____ sound waves are _____ and have smaller amplitude.

Decibel is the **measure** of _____ or _____

Frequency - is _____

Pinna - is located _____. It is what we see _____.

Ear Canal – _____

Eardrum- _____

Ossicles – Are _____

(Direction sound travels Malleus → Incus → Stapes)

Cochlea – _____

Auditory Nerve - _____

Vestibular- _____

Short response:

The auditory system consists of 2 parts:

1) _____

2) _____

Give 1 example to what can cause blocked vibration in the ear to experience hard of hearing?

Why does a person's hearing get bad as they get older? _____

What state of matter does the sound wave travel the slowest? _____

What state of matter does the sound waves travel the fastest? _____

Must be able to label any 4 parts of ear (No word bank)

