

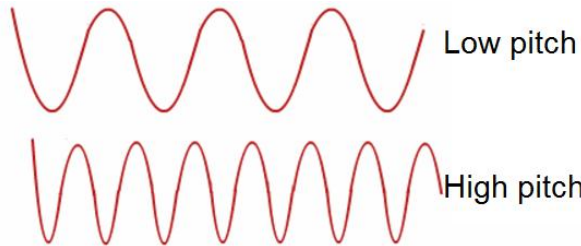


"Whatever you do, work at it with all your heart"

Colossians 3:23

Sound

Year 4
Summer 2



Key Knowledge:

To know that:

- Sounds are made by vibrations travelling through a medium to the ear.
- The size of a vibration will affect volume.
- The speed of a vibration will affect pitch.
- The size of an instrument or the size of its parts can affect the speed of a vibration.
- The human ear is divided into 3 parts: the outer ear, the middle ear and the inner ear.
- The human ear contains the 3 smallest bones in the body.

Key Vocabulary:

- ⇒ Vibrations - a rapid movement back and forth/up and down.
- ⇒ Sound - a type of energy made by vibrations due to the quick movement of air.
- ⇒ Source—the item producing the vibrations. E.g. string instrument, speaker.
- ⇒ Pitch - how high or low a sound is.
- ⇒ Volume - how loud or quiet a sound is.
- ⇒ Decibels - a unit for measuring the volume of a sound.
- ⇒ Fair test - a scientific test where one factor is changed and everything else stays the same.