

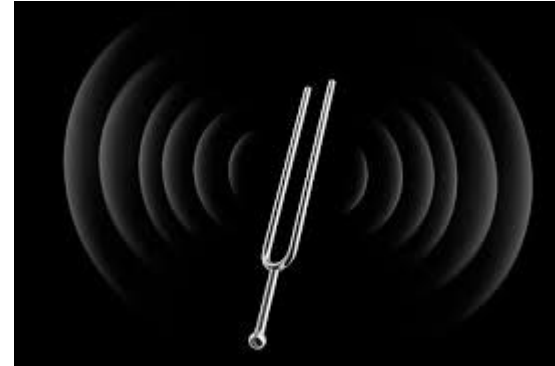


Vocabulary

vibration	a quick movement back and forth
waves	when something vibrates, it can create sound waves
medium	sound waves can travel through a medium. These can be solids like metal, liquids like water and gases like air.
volume	how loud or quiet a sound is
instruments	can be used to make sound in different ways e.g. by plucking strings, shaking, blowing...
pitch	how low or high a sound is

Prior learning

This unit builds on prior learning from Y1 & Y2, where children learn about the human body and their senses. In Y3 children complete a unit about the skeleton.



Key Questions

- How are sounds made?
- How do we hear sounds?
- How can we change the pitch of a sound?
- How can we change the volume of a sound?
- How does sound travel through different mediums?

Key Knowledge

- Inside your ear, the vibrations hit the eardrum and are sent to your brain. Your brain tells you that you are hearing a sound.
- Sound can travel through solids, liquids and gases. Sound travels as a wave, through the medium it is travelling in. Sound cannot travel through space.
- Sounds are created by vibrations. Sometimes we can see these.
- The pitch of a sound can be changed in different ways depending on the instrument that is being played.
- Some materials are more effective at blocking sounds.
- Sound travels away from the source in all directions.