

Sound

Crucial Knowledge:

- Sound is caused by vibrations
- Volume is how loud or quiet a sound is
- Pitch is how high or low a sound is
- You can change the pitch of a sound

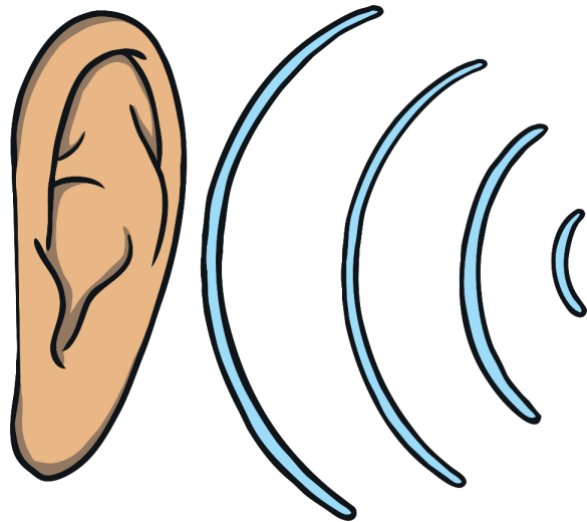
Extended Knowledge:

- Sound needs to travel through a medium (solid, liquid or gas) to get to the ear
- The closer we are to the sound source, the louder the sound will be
- The further we are from the sound source, the quieter the sound will be
- Giving the vibration more energy, will make the sound louder
- Short objects make a higher pitch
- Long objects make a lower pitch

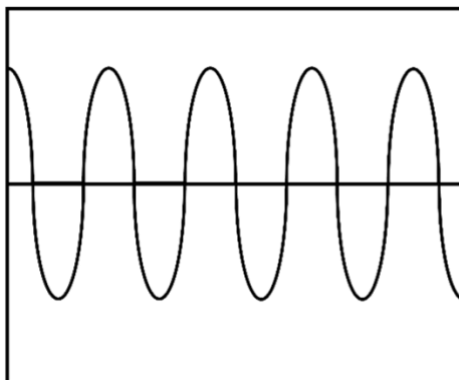
Rice helps to show the vibrations on a drum.



Vibrations travelling to the ear.



high pitch



low pitch

