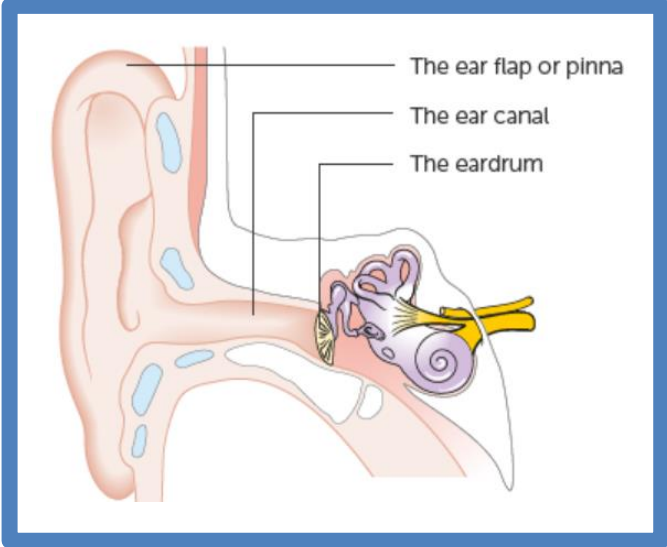




Autumn 1			
Name of Topic	Sound	Year Group	4

Key Vocabulary and Spellings		
1	sound	Vibrations that travel to the ear
2	pitch	Highness or lowness of a sound
3	volume	Loudness or quietness of a sound
4	vibration	Back/forth/up/down movement
5	travel	Moving from one point to another
6	instrument	A tool to create sound
7	insulation	Material used to stop sound travelling
8	medium	An object that creates sound
9	ear canal	Pathway from outer to inner ear
10	ear drum	Part of ear that vibrates from soundwaves



Key Dates		
1	1500	Leonardo DaVinci discovered sound moves in waves
2	1640	Marin Mersenne investigated speed of sound
3	1660	Robert Boyle discovered a medium is needed to make sound
4	1700-1800	Sound is formed of vibrations

Key Investigations	
1	Use instruments to explore vibrations and the sounds they make.
2	Explore how a filled object can affect the vibrations and sounds.
3	Explore how the size of a bird affects the volume of sound it makes.

Top 5 Topic Facts	
1	Sounds are heard through our ears
2	Sound is created when an object moves or vibrates
3	Vibrations from sounds travel through an object to the ear
4	Different objects will create different pitches of sound
5	The distance between medium and ear will affect volume

Key Questions of Enquiry	
1	What is sound?
2	How does sound travel to the ear?
3	How are elements of sound affected by the medium?