
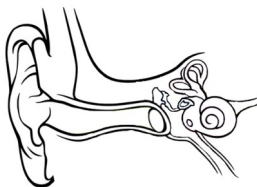





Upperby Primary School - SCIENCE Knowledge Organiser

YEAR 3 & 4 - SOUND (Autumn 2nd)

Key Questions			Vocabulary	
How are sounds made?	Sounds are made when objects vibrate. The vibrations make the air around it vibrate and the air vibrations travel to your ears. You hear the vibrations as sounds.		Sound	Vibrations that travel to your ear that can be heard.
How do we hear sounds?	Vibrations travel into your ear and make your ear drum vibrate. Then tiny bones inside your ear vibrate sending messages to your brain which turns them into sounds.		Sound source	A person or object that produces sounds.
How do I make loud and quiet sounds?	The stronger an object vibrates, the louder the sound gets. Quieter sounds have weaker vibrations.		Vibrate	Move continuously back and forwards.
			Travel	Move towards or away from something.
			Pitch	The type of sound you can hear, it can be high or low.
			Volume	How loud or quiet a sound is.
			Faint	So quiet it can only just be heard.
			Quiet	Weak vibrations produce quieter sounds.
			Loud	Strong vibrations produce louder sounds.
			Insulation	Material that is used to stop sound travelling through.
End of unit task		What will I know at the end of the unit?		
I will make my own musical instrument that changes pitch, explain how it works.		<ul style="list-style-type: none"> • Sounds are made from vibrations. • Vibrations travel through a material to the ear. • Sounds become fainter as the distance it travels increases. • Understand how pitch and volume are linked to the strength and pattern of the vibrations. 		