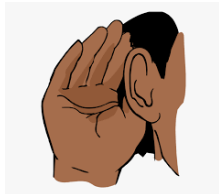


BRUNSHAW PRIMARY SCHOOL



Inspiring children to be resilient and aspirational learners, within a positive and considerate community

Subject: Science	Year group: 4 Term: Summer 1	Title: Sound
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What should I already know? • Can identify basic parts of the human body (Year 1) • Know that humans have a skeleton and muscles for movement, growth and protection (Year 3) 	Facts I will learn • Sounds are heard when sound waves travel from the source of the sound to your ear. • Sounds are vibrations that are picked up by your ear, allowing you to hear. • Different objects produce different sound pitches, dependent on their thickness or size. • The further away from a sound source, the further the sound waves have to travel, meaning they disperse more before they hit the ear, meaning the sound is quieter. • The harder you hit an object, a greater amount of sound waves are produced, meaning the sound sounds louder to your ear.	Key questions • How are sounds made? • How do sound vibrations travel from the source to the ear? • Do all sounds sound the same? Why? • How can I make a sound louder or softer? • Why do sounds become quieter the further away I am from its source?																
Key Skills..... • Ask questions and find out the answer (WS1) • To set up and carry out fair tests (WS2) • To give explanations for what I have seen (WS6) • To work out why things are similar or different to each other (WS8) • To use scientific evidence to back up my answers (WS9)	Experiences that school will provide: • Investigative and engaging lessons. 	<table><tr><th>Key vocab</th><th>Definition</th></tr><tr><td>Sound</td><td>These are made when objects vibrate</td></tr><tr><td>Source</td><td>Where a sound comes from</td></tr><tr><td>Vibration</td><td>These are what causes sounds</td></tr><tr><td>Pitch</td><td>How high or low a sound is</td></tr><tr><td>Volume</td><td>How loud or quiet a sound is</td></tr><tr><td>Faint</td><td>A sound that is weak</td></tr><tr><td></td><td></td></tr></table>	Key vocab	Definition	Sound	These are made when objects vibrate	Source	Where a sound comes from	Vibration	These are what causes sounds	Pitch	How high or low a sound is	Volume	How loud or quiet a sound is	Faint	A sound that is weak		
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Web links https://www.stem.org.uk/resources/community/collect/12746/year-4-sound-explorify.uk	Experiences that could be provided at home... • To make a musical instrument using everyday objects																	

