

## Year 4 – Autumn Term – Why is music enjoyed by so many?

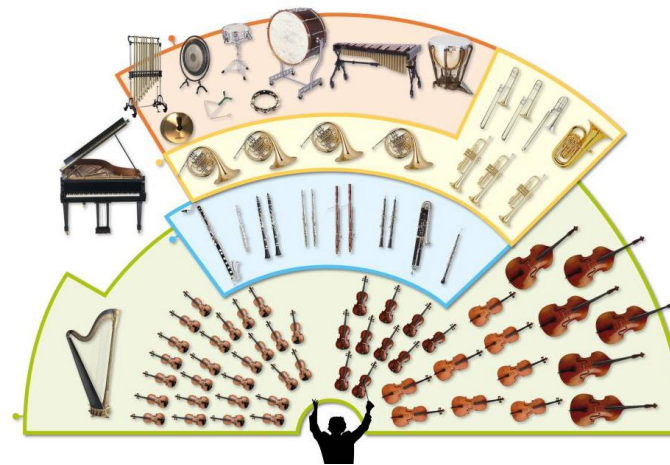


<b>Science</b>  What is sound?  How does sound travel?  What happens to a sound as we get further away from the source?	<b>Science</b>  Which parts of our body help us to hear sounds?  Do all animals hear sounds in the same way as us?	<b>Science</b>  How does the shape of an instrument change the type of sound it will make?  How can we prove that sound travels through vibrations?  Which materials are best at muffling sounds?	<b>Music</b>  What is your favourite type of music and why?  What are crotchets and quavers?  What types of instruments make up an orchestra?
<b>Design and Technology:</b>  Can I design and create my own ear defenders?	<b>Art and design:</b>  Can I create my own album artwork in the style of <i>The Beatles</i> ?	<b>History:</b>  Who were <i>The Beatles</i> and why were they so popular?	<b>Geography:</b>  Where do different musical genres originate from?

Asking Questions	Observing	Making Predictions	Setting up Tests	Recording data	Evaluating	Communicating Results

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Key Vocabulary	
<b>Cochlea</b>	Part of the inner ear which is usually coiled like a snail
<b>Eardrum</b>	A thin piece of skin which is stretched tight like a drum between the ear canal and the middle ear
<b>Ear canal</b>	A pathway leading from the outer ear to the middle ear
<b>Hammer</b>	The outermost bone of the 3 small bones in the middle ear
<b>Anvil</b>	The middle of the 3 small bones in the middle ear
<b>Stirrup</b>	The innermost of the 3 small bones in the middle ear
<b>Pinna</b>	The part of the ear on the outside out your head
<b>Vibration</b>	A rapid motion of the particles of a substance back and forth
<b>Volume</b>	The degree of loudness of a sound
<b>Loud</b>	Marked by a high volume of sound
<b>Faint</b>	Marking a low volume of sound
<b>Pitch</b>	Highness or lowness of sound
<b>Insulate</b>	To prevent sound travelling



An orchestra is made up of different types of instrument lead by a conductor.

My Questions about this topic:



Dame Evelyn Glennie is a Scottish percussionist who is profoundly deaf.

She started to lose her hearing by the age of 8 and by 12 was profoundly deaf.

Dame Evelyn is able to play music by using the vibrations she can feel in other parts of her body. She regularly plays music barefoot so that she can feel the music better through her feet.

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