

Y4 Summer Science Learning Challenge: Why do we like listening to Capital FM?

Science Link	<ul style="list-style-type: none"><li>• Identify how sounds are made, associating some of them with something vibrating.</li><li>• Recognise that vibrations from sounds travel through a medium to the ear.</li><li>• Find patterns between the pitch of a sound and features of the object that produced it.</li><li>• Find patterns between the volume of a sound and the strength of the vibrations that produced it.</li><li>• Recognise that sounds get fainter as the distance from the sound source increases.</li><li>• Finding patterns in the data.</li><li>• Make earmuffs from a variety of different materials to investigate which provides the best insulation against sound.</li><li>• Make and play their own instruments by using what they have found out about pitch and volume.</li></ul>
English Link	<ul style="list-style-type: none"><li>• Research and report writing about scientists.</li></ul>
Maths Link	<ul style="list-style-type: none"><li>• Create graphs and tables.</li><li>• Measure sound.</li></ul>
Creative Art Link	<ul style="list-style-type: none"><li>•</li></ul>

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Expressive Art Link	<ul style="list-style-type: none"><li>•</li></ul>
Computing Link	<ul style="list-style-type: none"><li>• Data loggers.</li><li>• Camera.</li></ul>