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| Year 4 Science – Sound -Spring 2 | | | |
| What should I already know? | What am I going to learn in this unit? | Vocabulary I need to know | |
| * Describe what they see, hear and feel whilst outside * Explore how things work * Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense | * I can identify how sounds are made, associating some of them with something vibrating * I can recognise that vibrations from sounds travel through a medium to the ear * I can find patterns between the pitch of a sound and features of the object that produced it * I can find patterns between the volume of a sound and the strength of the vibrations that produced it * I can recognise that sounds get fainter as the distance from the sound source increases * I can explore the way sound is made through vibration in a range of different musical instruments from around the world * I can investigate a variety of materials to see which provides the best insulation against sound­­ | Vibration  C:\Users\kknight\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\9F23F19B.tmp | Moving continuously or rapidly to and fro |
| Pitch  C:\Users\kknight\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\C08F9961.tmp | The quality of sound which depends on the rate of vibrations e.g. the degree of highness or lowness of a tone |
| Sound  C:\Users\kknight\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FE3C8317.tmp | Vibrations that travel through the air or another medium and can be heard when they reach a person or animal’s ear |
| Insulation  C:\Users\kknight\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\5330343D.tmp | Protect something by using material that prevents the intrusion of sound |
| Volume  C:\Users\kknight\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\2609CE53.tmp | The quality or power of sound |
| Dynamics  C:\Users\kknight\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\39E06ED9.tmp | The varying levels of volume of sound in different parts of a performance |