

Year 4 Sound

Important Questions

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| 1 | How are sounds made? |
| 2 | How does sound get to the ear and how do we hear it? |
| 3 | How can we change the volume of a sound? |
| 4 | How can the pitch of a sound be changed? |
| 5 | How can we observe and measure changes to sound? |



Key Skills

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| 1 | To be able to explain or demonstrate the way sound is made through vibrations. |
| 2 | To be able to explain the difference between pitch and volume of sounds. |
| 3 | To know that pitch and volume can be changed |

Working scientifically

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| 1 | Ask relevant questions and use different types of scientific enquiries to answer them |
| 2 | Make systematic and careful observations, take accurate measurements using a range of equipment |
| 3 | Record findings using scientific language, labelled diagrams etc |
| 4 | Report on findings from enquiries, including oral and written explanations, displays etc of results and conclusions |
| | Identify differences, similarities and changes related to simple scientific ideas and processes |

Key Vocabulary

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| 1 | Pitch | a standard degree of highness or lowness used in performance |
| 2 | Volume | A measurement of sound. |
| 3 | Vibrations | How sound travels. |
| 4 | decibels | The unit used to measure sound |
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