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| Year Group: | 4 | Subject: | Science |
| Term: | Autumn 1st Half | Topic: | Sound and Hearing |

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| Links to Previous Learning |  | What you should know: |
| sounds can be loud and quiet; high and low. |  | Identify how sounds are made and link to vibrating. |
| sounds are heard by the ear. |  | Recognise that vibrations from sounds travel through a medium to the ear. |

Key Fact: a sound is made when an object vibrates and causes the surrounding air molecules to move.



How does vibration make sound travel?



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| Key Vocabulary |
| volume | how loud or quiet a sound is |
| vibration | moving back and forth/ up and down |
| pitch | the rate at which sound vibrations are made; high or low |
| sound wave | vibrations of sound |

**At home investigate:**

- how to make loud and quiet or low and high sounds.

- how can whales and dolphins communicate over long distances?