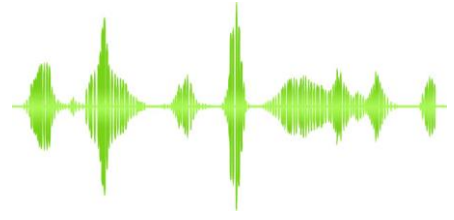




# SOUND



## INTRODUCTION

Sound is something we hear every day. It is created when objects vibrate or move quickly back and forth. These vibrations travel through the air as sound waves, and when they reach our ears, we hear them as sound. Sound can be loud or quiet, high or low, and it helps us communicate and understand the world around us.

## HOW SOUND IS MADE

Sound is made when something vibrates. For example, when a drum is hit, the surface of the drum moves back and forth, causing the air around it to vibrate. These vibrations travel through the air in waves. When these waves reach our ears, they are turned into signals that our brain understands as sound.

## HOW WE HEAR SOUND

When sound waves travel through the air and reach our ears, they pass through the ear canal and hit the eardrum. The eardrum vibrates, and these vibrations are sent to the brain through tiny bones in the ear. The brain then understands these vibrations as different sounds, like music, talking, or a bell ringing.

## DIFFERENT TYPES OF SOUNDS

There are many different types of sounds that we can hear every day. Some sounds are loud, like a thunderstorm or a car honking. Other sounds are soft, like a whisper or the rustling of leaves. Sounds can also be high or low. High sounds might come from a whistle or a bird chirping, while low sounds can come from a drum or a lion's roar. Each sound helps us learn more about our environment.

## FIND OUT MORE...

[Year 4 Sound - BBC Bitesize](#)

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### EXAMPLE QUESTIONS:

1. What is sound made by?
2. How do we hear sound?
3. What happens when a drum is hit?
4. What does the eardrum do when sound waves reach it?
5. Which of these is an example of a sound we can hear?