

## Introduction

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*Welcome to the world of sound and hearing! In this worksheet, we will explore the basics of sound and how we hear. Get ready to learn and have fun!*

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## What is Sound?

*Sound is a type of energy that we can hear. It is made by vibrations, which are movements back and forth. When an object vibrates, it creates a disturbance in the air particles around it, causing them to oscillate back and forth. These oscillations, or sound waves, travel through the air and can be heard when they reach our ears.*

## Activity 1: Sound Sorting

*Sort the following objects into two categories: things that make sound and things that do not make sound.*

- Bell
- Chair
- Dog
- Book
- Guitar
- Table

## How Do We Hear?

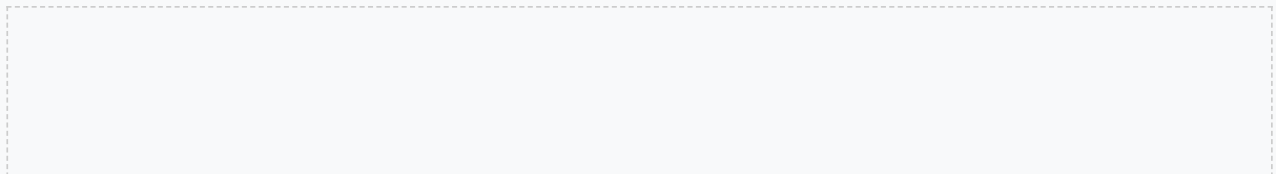
*We hear when sound waves enter our ears and cause our eardrums to vibrate. These vibrations are then sent through the middle ear bones to the inner ear, where they are converted into electrical signals that the brain interprets as sound.*



## Activity 2: Label the Ear

*Label the different parts of the ear:*

1. Outer ear
2. Eardrum
3. Middle ear bones
4. Inner ear



## Fun Activities

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*Try these fun activities to learn more about sound and hearing:*

1. **Homemade Instrument:** Create your own homemade instrument using household items.
2. **Sound Scavenger Hunt:** Go on a sound scavenger hunt around the house or neighborhood and list the different sounds you hear.

## Quiz Time

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*Test your knowledge with these questions:*

1. What is sound?

- a) A type of light
- b) A type of energy
- c) A type of smell
- d) A type of taste

Answer: b) A type of energy

2. How do we hear?

- a) Through our eyes
- b) Through our nose
- c) Through our ears
- d) Through our mouth

Answer: c) Through our ears

## Conclusion

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*Congratulations! You have completed the introduction to sound and hearing worksheet. We hope you had fun learning about sound and how we hear. Remember, sound is all around us, and it's an important part of our daily lives.*

