Name:_____ Date:_____

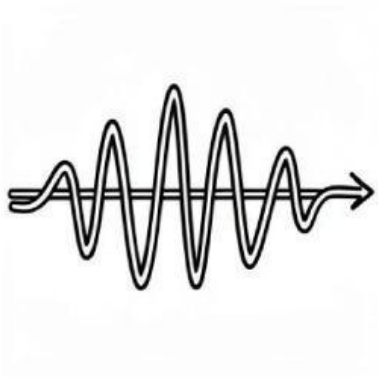
# Homework: Exploring Sound & Vibrations

## 1. What is Sound? 👂

Sound is a type of **energy**. It is made when things move back and forth very quickly.

We call this fast movement a **vibration**.

Fill in the blanks using the words in the box below.



📢 **Word Bank:** vibrate | ears | energy

**1.** Sound is a type of

**2.** Sound is made when objects

**3.** Sound waves travel through the air to our

## 2. Natural or Man-made? 🌳🏗️

Look at the pictures below. Is the sound **Natural** (made by nature) or **Man-made** (made by people or machines)?

Tick (✔) the correct box.

| Sound Source | Natural | Man-made | Image |
|---|---|---|---|
| Thunder storm | ☐ | ☐ | |

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| | | | |
|---|---|---|---|
| Church bells | ☐ | ☐ | |
| Birds singing | ☐ | ☐ | |
| Car horn | ☐ | ☐ | |

## 3. Loud or Quiet? 🔊

Some sounds have **strong** vibrations (Loud). Some have **soft** vibrations (Quiet).

Circle the correct answer for each picture.

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## 4. Seeing Vibrations 🥁

When we hit a drum, the skin moves up and down. If we put rice on the drum, the rice jumps!

| **Part** | **What happens?** |
|---|---|
| Drum Skin | It moves up and down very fast (it vibrates). |
| Rice | It _____ into the air! |

💡 **Top Tip:** The harder you hit the drum, the higher the rice will jump!

Why does the rice jump? Complete the sentence.

The rice jumps because the drum is _____.

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5. Sounds in Around US

Think about the sounds you hear in Malta.

Which sound do you think is a **pleasant sound** (nice to hear)?

Which sound do you think is a **noise** (not nice to hear)?

Draw a line to match them.

**Your Turn:** Write down ONE sound you like hearing.

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