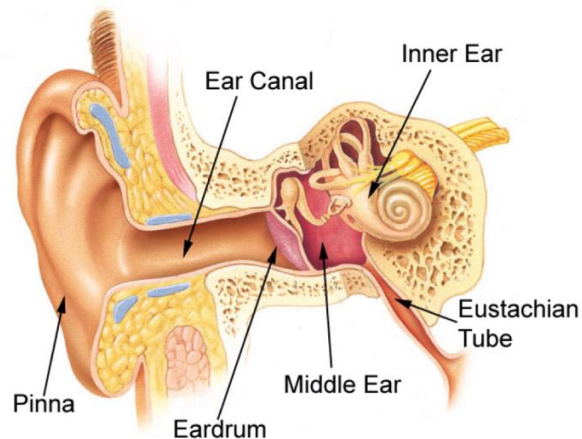


## Homework due 10.2.21

For this learning task, we would like you to write an explanation text about how we hear sounds. This will be closely linked to the science learning you have been looking at so far.

We have given you two afternoons to complete this (1st Feb and 8th Feb). We suggest you use the first session to research and make notes ready to write up on the next session.



### Expectations for writing

**Title** – *How do we hear sounds?*

Make sure your title is underlined and at the top centre of the page.

**Introduction:** 1 sentence to introduce the topic.

Sentence starters... *Have you ever wondered...?, This text explains...*

**Middle:** 2 paragraphs with subheadings

Each paragraph should be 3 or 4 sentences long. Include a causal connective in each paragraph. Use the knowledge organiser (right) to help with technical words and connectives. Use these subheadings as paragraph starts.

*How are sounds made?*

Use your science knowledge from our sound topic so far.

*How does the ear work?*

Include a labelled diagram of the ear to help with your explanation.

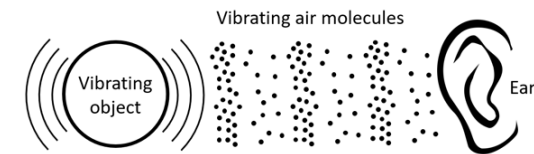
**End:** 1 sentence linking back to the introduction.

Sentence starters... *I hope this text has helped to... Now you have read this text you know...*

### Knowledge organiser

**How are sounds made?**

Vibration – an object moving from side to side very quickly.



Vacuum – a place where there is no air. Sounds can't travel through vacuums.

Volume - the harder you hit, blow or pluck an instrument, the louder it is.



**How does your ear work?**

Pinna – shaped perfectly to pick up sound vibrations.

Ear drum – when sound waves touch the ear drum it vibrates and sends a message to the brain.

### Causal connectives

- If...,then... *If someone banged a drum*
- as a result *next to you, then sound*
- since *waves would travel down*
- therefore *your ear canal.*

**Title:**

**Introduction:**

**How are sounds made?**

**How does the ear work?**

**Ending:**

**Diagram**