

Sound Knowledge Organiser

Tier 3 Vocabulary:

Vibration – a rapid repeated movement

Volume – how loud or quiet a sound is

Pitch – how high or low a sound is

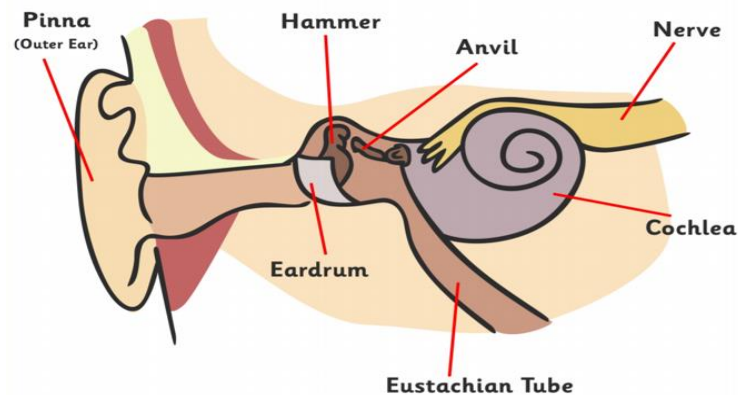
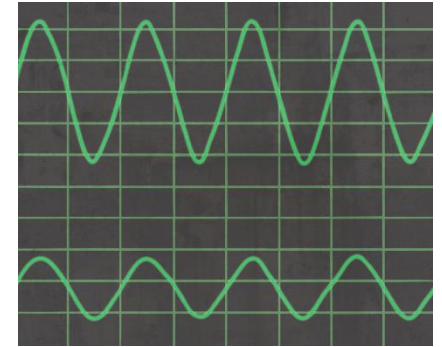
Soundwave – particles bump into each other when air vibrates causing sound to travel through the air as invisible sound waves

Amplitude – the measurement of the strength of a soundwave

Echo – reflected sound waves that bounce off walls and travel back to you

Decibel – the unit of measurement used to measure the power of sound

Vacuum – a totally empty space with no air (sound can not travel through a vacuum)



5 Types of Scientific Enquiry

There are 5 types of enquiry to answer science questions

- 1 Observing over time:**
Observe or measure how something changes overtime
- 2 Grouping and classifying:**
Identifying features that allow things to be organised into groups
- 3 Noticing patterns:**
Observe and record phenomena, carry out surveys or collect data from secondary resources and then identify patterns.
- 4 Research:**
Research and gather scientific findings to answer questions or help explain events
- 5 Comparative and fair testing:**
Observe and measure the effect that changing one variable has on another whilst attempting to keep the other variables constant