Skegby Junior Academy Knowledge Organiser-Sound

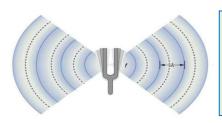
Year 3 and 4 Spring 1

| Key Vocabulary | Definition |
|-------------------|---|
| Sound | Energy that travels in waves through air, water, or other substances, and can be heard. |
| Vibration | Movement back and forth. |
| Pitch | Frequency of a sound wave. |
| Volume | How loud or quiet the sound is |
| Insulation | Substance that stops heat, electricity or sound from passing. |

Sound is a form of energy like light. Both travel in waves and can be reflected

A sound vibration spreads out in all directions from its sources, like ripples from a pond.

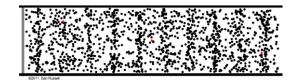
Sound is made when something vibrates.

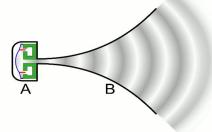


Vibration is a rapid back-and-forth movement.

Sound waves are caused by vibrations in the air.

These air particles vibrate too and then bump into other air particles which then start to vibrate and so on. When an object vibrates, it causes movement in the air particles.





This continues in waves until the vibrations run out of energy. If the vibrations reach your ears, you will hear the sound.

