

Knowledge Organiser



WOW Words - Trust Ten Vocabular

Source – Where something comes from
Vibrate – to move continuously to and fro

pitch (high, low) - the measurement of how high or low a sound is

Insulation – something used to prevent the loss of heat, electricity or sound

Volume – how loud a noise is

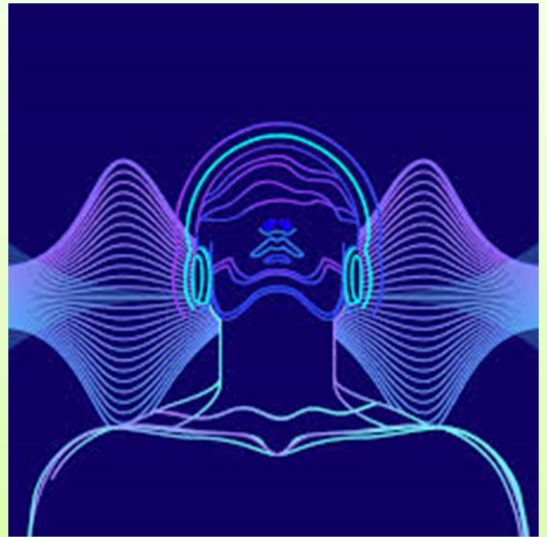
Particles – small parts of something

Instruments – tools used to make, do or measure something

Frequency – how often something happens

Decibels - The volume of a sound is measured in decibels (dB).

Science – Sound



Sticky Knowledge

- Sound is made when energy creates vibrations.
- Sound moves in waves as it travels from its source to our ears.
- The larger the vibrations, the louder the noise.
- Pitch is the measure of the frequency of vibrations when a sound is made.

Key Skills

- Observation over time.
- Pattern seeking.
- Identifying, classifying and grouping.
- Comparative and fair testing.

Knowledge Links

Maths - Measure distances accurately in m and cm when conducting your experiments with sound?

Science - Year 1 –Animals including humans -senses

Music - Tone, Pitch, different musical instruments

School Value Links

Kindness
Integrity
Tenacity

Key Concepts

Classifying
Forces
Waves
Energy