



Year 4 - Spring - Science Knowledge Organiser - Sound



What I already know...

This will be the first time that children have learnt about sound in science. It will build upon their musical knowledge of pitch and volume.

What I will learn...

- that we hear sounds when a sound wave enters out ears and causes our eardrums to vibrate.
- that pitch is how high or low a sound it and volume is how quiet or loud the sound is.
- that low pitched noises are made from slow vibrations and high pitched noises are from fast vibrations
- how larger, longer, thicker, looser and less dense objects make lower pitched sounds.
- how sounds get fainter as the distance from the source increases.

Key Vocabulary

Pitch	How high or low a sound is
Volume	How loud or quiet a sound is
Ear drum	Part of the inner ear
vibration	Shaking movement
Source of noise	Where the noise is made

Making a difference at The Merton

Children will investigate how sounds are made and how they are heard.

They will work collaboratively to create sounds of different pitches and volumes to create music for a Stoneage Museum they have created.

Making a difference at home

Try playing different music to help the people in your house. Can you find exciting music to make them feel energetic or calm music to help them relax?

