

Meadows First School Knowledge Organiser SCIENCE	Vear A Summer 2 Focus Sound
Key Knowledge	Key Vocabulary
Meadows First School Knowledge Organiser SCIENCE Key Knowledge I know that all sounds are made by vibrations How are all sounds made. I know that all sounds are made by vibrations How are all sounds made. • When objects vibrate a sound is made. • When objects vibrate a sound is made. • The vibrations make the air around the object vibrate and these vibrations enter your ear. • IF an object is making a sound part of it is vibrating, even if you can't see the vibrations. I know that sound vibrations travel through different mediums to my ear. Explain how you know sound can travel through water? • Sound vibrations travel from particle to particle in lots of different mediums. • Sounds can travel through the air but also through objects and materials. This is why you can hear sounds through walls! • These vibrations enter our ears and makes our ear drum vibrate too,	
 These vibrations enter our ears and makes our ear drum vibrate too, Sound vibrations lose energy when travelling through a medium. This is why sounds become quieter when further away. I can find patterns in what changes the pitch and volume of a sound. 	 We will make observations that sound waves have on different mediums and noting down our observations. We will use our observations to ask scientific questions about sound.
Loud sounds have large and strong vibrations (or amplitude). Hitting a drum hard.	Prior learning
Quiet sounds have small and weak vibrations (or amplitude). Hitting a drum softly.	Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense. (Y1 - Animals, including humans) MISCONCEPTIONS—some chn may think:
The faster the vibration the higher the pitch . A whistle blowing would have high pitch.	sound is only heard by the listener • sound only travels in one direction from the source • sound can't travel through solids and liquids
The slower the vibration the lower the pitch . Thunder has a low pitch .	 high sounds are load and low sounds are quiet.