

Knowledge Organiser

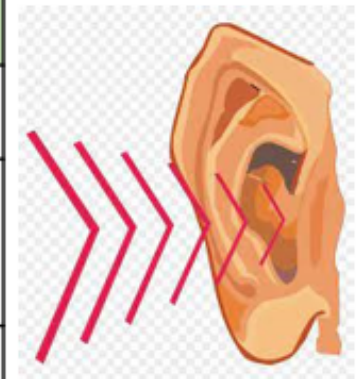
Year 4

Subject: Science

Main Learning: Sound

Key knowledge	Date
Know how we get to hear things and how sound is created	
Know how sound is made and what happens as sound travels away from its source	
Know how sound travels from the source to the ears	
Know to associate sound with vibration	
Know the correlation between the volume of a sound and the strength of the vibrations that produced it	
Know the correlation between pitch and the object producing a sound	

Vocabulary	
pitch	A high sound has a high pitch and a low sound has a low pitch
volume	Is the perception of loudness from the intensity of a sound wave. The higher the intensity of a sound, the louder it is perceived in our ears
vibrating	Sound is caused by the vibration of a medium (usually air) and it travels in waves
frequency	This is measured as the number of wave cycles that occur in one second
vibrating	Sound is caused by the vibration of a medium (usually air) and it travels in waves
hammer	The ear has little bones called ossicles that help you hear. They are called the hammer (malleus), anvil (incus), and stirrup (stapes). They amplify the sound or make it louder



SCIENCE



Prior Knowledge –