

Year 4 Sound

Words I need to know for this topic:		By the end of this topic I should know how:
Sound	Created when something vibrates and send waves of energy into our ears	To identify how sounds are made, associating some of them with something vibrating To recognise that vibrations from sounds travel through a medium to the ear To find patterns between the pitch of a sound and features of the object that produced it To find patterns between the volume of a sound and the strength of the vibrations that produced it To recognise that sounds get fainter as the distance from the sound source increases
Volume	How loud or quiet a sound is	
Wave	The movement through a medium when a sound is made caused by vibrations	
Vibration	A movement back and forth through a medium	
Medium	Solid, liquid or gas	By the end of this topic I should be able: To make decisions, ask relevant questions and use different types of scientific enquiries to answer them To set up simple practical enquiries, comparative and fair tests To make systematic and careful observations using notes and simple tables To take accurate measurements using standard units, using a range of equipment, including thermometers and data loggers To gather, record, classify and present data in a variety of ways to help in answering questions To record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables To use straightforward scientific evidence to answer questions or to support their findings To recognise when and how secondary sources might help them to answer questions that cannot be answered through practical investigations To explore and use sets of pitches To assemble, join and combine materials and components with some accuracy
Pitch	How high or low a sound is	
Faint	A quiet sound	
Our Scientist is:		Anything else interesting I have learned:
Future learning: Key Stage 3 Physics		