

Y4 Good Vibrations

	End Points:		Key Vocabulary			
	<ul style="list-style-type: none"> Understand how sounds are made by something vibrating. And that these sound waves can travel through air, solids and liquids. 		Word	Definition		
	<ul style="list-style-type: none"> Find patterns between the pitch/ volume of a sound and the object that made it and understand that pitch can be changed. 		volume	How loud or quiet a sound is.		
	<ul style="list-style-type: none"> Understand that only one variable should change in a fair test. 		pitch	How high or low a sound is.		
	Prior Learning	Future Learning	vibration	A shaking movement that creates a sound wave.		
			insulate	Material that prevents the intrusion of sound.		
	How you can help at home:	KS1 Children explore a range of sounds and noises through the music curriculum and have learnt to use simple vocabulary to describe what they can hear.	KS3 Physics. Sound waves explored e.g. frequency, reflection and absorption of waves and how sound waves travel through different mediums. Explore and compare different auditory ranges in humans and animals.	material	What something is made from.	
	<ul style="list-style-type: none"> Investigate how sounds can be louder/ quieter under water (use bath time). 			source	Point of origin.	
	<ul style="list-style-type: none"> Look at different musical instruments and talk about how they produce sound. 			distance	How far away something is.	
				fainter	Becoming less clear.	
			stringed instruments	Instruments that can be plucked.		
			percussion	Instruments that are hit, shaken or scraped to make a sound.		