

**Year 4
Autumn 1
Sound**

Week	NC objectives	REMEMBER (prior knowledge)	KNOW (new knowledge)
1 2 3 4 5 6	<ul style="list-style-type: none"> identify how sounds are made, associating some of them with something vibrating recognise that vibrations from sounds travel through a medium to the ear find patterns between the pitch of a sound and features of the object that produced it find patterns between the volume of a sound and the strength of the vibrations that produced it recognise that sounds get fainter as the distance from the sound source increases 	<ul style="list-style-type: none"> 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) 	<p>To know that sound is:</p> <ul style="list-style-type: none"> A type of energy Created by vibrations The bigger the vibration the louder the sound. <p>To know that sound travels in a wave, vibrating the particles as it through the medium it is travelling and passes into the ear.</p> <p>To know that sound can travel through solids, liquids and gases.</p> <p>To know that pitch is a measure of how high or low a sound is.</p>

			To know that faster vibrations create a higher pitch and lower vibrations create a lower pitch.
			To know that the size of a vibration is called the amplitude. Louder sounds have larger amplitudes and vice versa.
			To know that when vibrations spread out over a distance the sound becomes quieter the further from the source you are.
Vocabulary	<u>Prior knowledge vocabulary</u> Solid, liquid, gas, energy	<u>New vocabulary</u> vibration, wave, volume, pitch, tone, insulation, amplitude, particle,	