

Staplegrave Church School
Knowledge and Skills Progression in Science

Sound

Year group	Knowledge	Skills	Unit
1			
2			
3			
4	<p>When an instrument is played, the air around or inside it vibrates. These vibrations travel as a sound wave. Sound waves travel through a medium, such as air or water, to the ear.</p> <p>Sounds are louder closer to the sound source and fainter as the distance from the sound source increases.</p> <p>Volume is how loud or quiet a sound is. The harder an instrument is hit, plucked or blown, the stronger the vibrations and the louder the sound.</p> <p>Pitch is how high or low a sound is. Parts of an instrument that are shorter, tighter or thinner produce high-pitched sounds. Parts of an instrument that are longer, looser or fatter produce low-pitched sounds.</p> <p>When an instrument is played, the air around or inside it vibrates. These vibrations travel as a sound wave. Sound waves travel through a medium, such as air or water, to the ear.</p>	<p>Explain how sounds are made and heard using diagrams, models, written methods or verbally.</p> <p>Compare how the volume of a sound changes at different distances from the source.</p> <p>Compare and find patterns in the volume of a sound, using a range of equipment, such as musical instruments.</p> <p>Explain how sounds are made and heard using diagrams, models, written methods or verbally.</p>	<p>Sound</p> <p>Sound</p> <p>Sound</p> <p>Sound</p>
5			
6			