



Topic: Sound (Science)

Term: Summer 1

Year Group: 4

NC OBJECTIVES	KEY KNOWLEDGE AND VOCABULARY
<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">• Know that sounds are made when objects and materials vibrate• Know how sounds are created by a variety of instruments and objects• Know how sounds travel through different materials• Explain why some materials transmit sounds better or worse than others• Know that vibrations from sound sources travel through different materials to the ear• Know that sound can travel through solids, liquids and gases• Know that sounds change the further away from the source you are• Know that sounds get fainter as the distance from the sound source increases• Know that some materials are effective in preventing vibrations from sound sources reaching the ear• Know that some materials can soundproof effectively• Know how sounds can have different itches• Know that pitch means how high or low a sound is• Know that sounds have different volumes• Know that sound means how loud or quietly a sound is heard• Know how the length, thickness and tightness of a string can affect its pitch• Know that to change the length of the air column vibrating with change the pitch