



## Year 4      Sequenced Objectives



### Sound - Physics

Lesson	Objective/s
Pre learning	<ul style="list-style-type: none"><li>• Complete pre learning assessment</li><li>• Review previous knowledge.</li><li>• Look at new knowledge organiser</li></ul>
Lesson 1	<ul style="list-style-type: none"><li>• Identify how sounds are made, associating some of them with something vibrating</li></ul> Make systematic observations and report findings
Lesson 2	<ul style="list-style-type: none"><li>• Identify how sounds are made and find patterns between the volume of a sound and the strength of the vibrations that produced it and recognise that vibrations travel through a medium to the ear.</li></ul> Use scientific vocabulary to report findings.
Lesson 3	<ul style="list-style-type: none"><li>• Recognise that vibrations from sounds travel through a medium to the ear, by exploring how high and low sounds are created.</li></ul> Find patterns between the pitch of a sound and features of the object that produced it
Lesson 4	<ul style="list-style-type: none"><li>• Recognise that sounds get fainter as the distance from the sound source increases and that vibration from sounds travel through a medium to the ear.</li></ul> Set up simple practical enquiries and report findings from enquiries, including oral and written explanations
Lesson 5 PlanBee	<ul style="list-style-type: none"><li>• Investigate soundproofing by finding that some materials are effective in preventing vibrations from sound sources reaching the ear.</li></ul> Use results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions
Lesson 6	<ul style="list-style-type: none"><li>• Find patterns between the pitch of a sound and features of the object that produced it, by making a musical instrument and explaining how it works.</li></ul> Ask relevant questions and use different types of scientific enquiries to answer them
Post learning	<ul style="list-style-type: none"><li>• Complete post assessment</li></ul>