Leintwardine Endowed CE Primary School Learning Journey Itinerary

'Letting Our Light Shine'

SUBJECT : Science	YEAR : B	TERM : Spring 1	YEAR GROUPS : 3/4

Key Question: What's that sound?

Previous Knowledge – Know that sound is heard through the ears. Know how to set up and observe experiments. Know what a fair test is. Know that sound can be loud or quiet and high pitch or low pitch.

END OF UNIT OBJECTIVES

Some children will not yet have met what is expected and will show that they are **emerging** because they can:	Most children will show that they have reached the **expected** level because they can:	Some children will have gone beyond the expected level and will show that they are **exceeding** because they can:
• Describe sounds around them. • Identify high and low sounds. • Identify loud and quiet sounds. • Observe how different sounds are made. • Describe how sounds change over distance. • Participate in an investigation to find the best material for absorbing sound. • Answer questions based on their learning using prompts. • Create a musical instrument that will play different sounds. • Predict what will happen in an investigation. • Make observations.	• Explain how sound sources vibrate to make sounds. • Explain how vibrations change when the loudness of a sound changes. • Explain how sounds travel to reach our ears. • Describe the pitch of a sound. • Describe patterns between the pitch of a sound and the features of the object that made the sound. • Explain how sound travels through a string telephone. • Identify the best material for absorbing sound. • Create a musical instrument that can play high, low, loud and quiet sounds. • Make observations and conclusions. • Be able to answer questions based on their learning.	• Explain how we hear and interpret sounds. • Explain that sounds travel differently through different materials. • Identify and explain patterns between the pitch of a sound and the features of the object that made the sound. • Explain how sounds change over distance. • Explain why sounds travel better through solids than gases. • Explain why some materials absorb sound. • Explain how their musical instrument plays different sounds. • Set up reliable and accurate investigations. • Make and explain predictions. • Make and record accurate observations. • Use scientific language to explain their findings. • Be able to ask and answer questions based on their learning using scientific language

ASSESSMENT OPPORTUNITIES

Class discussions, End of unit assessments, Work produced in books, Kahoot quiz.

ENRICHMENT OPPORTUNITIES **Helping children to remember more**	**SUBJECT SPECIFIC VOCABULARY**	**CROSS-CURRICULAR LINKS** **Links that we can make to help children make sense of what we want them to know and be able to do.**
Experiments. Creating string telephones. Practical tests. Testing materials. Creating their own instruments.	sound, vibration, volume, amplitude, loud, quiet, travel, wave, particles, ear, high, low, pitch, distance, loud quiet, telephone, transmit, soundproof, absorb	Music – Creating songs with created instruments.