

Area of Learning:

Science

Date/Week:

Term 3

Year Group: 4

Teacher: KB

Prior Learning / Initial Assessment:

Ask children to bring in a homemade musical instrument that plays more than one note – a very good initial assessment that will show which chn understand pitch, volume and how to create sound.

Key Vocabulary / Resources:

Vibrate, vibration, sound, tone, pitch, volume

Good sound song in my book!!!!

Key Skills and We Are Learning To...	Main Teaching Activity/Assessment for Learning/ Key Questions	Differentiation	Assessment of Learning / APP evidence
Pre-assessment	<p><i>Pre-assessment activity to assess prior knowledge and aid planning.</i></p> <p>Children to complete a circus of activities – approx. 5 mins per activity. (All activities based on creating and changing sounds.)</p> <p>Each activity has differentiated questions – chn should aim to answer as many as possible, no ceiling, however direct more able to answer all questions. Chn ro record answers on record sheet.</p> <p>Once all activities completed, children to record anything they know about sound on one colour post-it, and anything they would like to know on another.</p> <p>Share thought and ideas about activities.</p> <p>Teacher to ensure planning is based on chn’s current understanding and addresses any misconceptions (post-it notes and teacher questioning/observations during activities), and as many of the children’s own questions are included in lessons or extra sessions in the lab with JH.</p>		<p>Teacher to move around the circus of activities and listen for use of scientific vocabulary, knowledge of key concepts and misconceptions. Question chn as necessary to probe understanding.</p> <p>Chn to record knowledge on Post-it notes after completing all activities.</p>

Activity	Red Question	Yellow Question	Green Question
<p>Holding the balloon gently between you. Hold it to your mouth and say B B B B</p>			
<p>Put your ear on the bag of sand. Tap the table. Repeat with the bag of water and air.</p>			
<p>Sprinkle some rice on the drum. Tap the drum gently.</p>			
<p>Tap the forks of the tuning fork on the table and touch the surface of the water with the prongs of the fork.</p>			
<p>Look at all the pictures of the musical instruments.</p>			