

## Distance Learning 2020-2021

<b>Subject</b>	<b>Science</b>
<b>Class/Division</b>	Year 4 A-F
<b>Week 6-Term 2</b>	7 <sup>th</sup> March to 11 <sup>th</sup> March
<b>Work sent to students via</b>	ZOOM / Google Classroom
<b>Total number of lessons per week</b>	3 ZOOM sessions (PPT/Tasks to be posted in Google Classroom)
<b>UNIT 6</b>	<b>SOUND – Lessons 3,4,5</b>
<b>ZOOM 1</b>  Lesson 3          <b>Resources:</b>          <b>Task:</b>	<p><b><u>Learning Objective:</u></b> Recognise how vibrations from sound travel through a medium to the ear.</p> <p><b><u>Learning Outcome: I can....</u></b></p> <ul style="list-style-type: none"> <li>• Know that vibrations in the air enter the ear causing the ear drum to vibrate.</li> <li>• Label the parts of the ear.</li> <li>• Explain how sound travels through the air and through parts of the ear to the brain.</li> <li>• Describe how sound is transmitted from the outer ear to the brain.</li> </ul> <ul style="list-style-type: none"> <li>❖ Science Bug International – Topic book &amp; Workbook</li> <li>❖ Power point presentation</li> <li>❖ Video links</li> <li>❖ <a href="https://www.activelearnprimary.co.uk/resource/412319">https://www.activelearnprimary.co.uk/resource/412319</a></li> </ul> <ul style="list-style-type: none"> <li>▪ Topic Book – pages 6,7</li> <li>▪ Workbook – pages 8,9</li> </ul>
<b>ZOOM 2</b>  Lesson 4          <b>Resources:</b>          <b>Task:</b>	<p><b><u>Learning Objective:</u></b> Recognise that sounds can be heard though solids, liquids and gases but that the same sound will be changed as it travels through each (sound becomes faint after passing through different materials).</p> <p><b><u>Learning Outcome: I can....</u></b></p> <ul style="list-style-type: none"> <li>• Explain that sounds can travel through a variety of materials (a medium) including air, water and solids.</li> <li>• Understand that some materials are effective in preventing vibrations from sound sources reaching the ear.</li> <li>• Explain why people working in noisy areas need to protect their ears.</li> </ul> <ul style="list-style-type: none"> <li>❖ Science Bug International – Topic book &amp; Workbook</li> <li>❖ <a href="https://www.activelearnprimary.co.uk/resource/412320">https://www.activelearnprimary.co.uk/resource/412320</a></li> </ul> <ul style="list-style-type: none"> <li>▪ Written work in the notebook.</li> </ul>

<p><b>ZOOM 3</b></p> <p>Lesson 5</p>       <p><b>Resources:</b></p> <p><b>Tasks:</b></p>	<p><b><u>Learning Objective:</u></b> Investigate how sound travels through different solids, with a comparative test. (Using a set of objects namely – wood, metal, sponge, plastic, cardboard, rubber, dough, cotton wool.)</p> <p><b><u>Learning Outcome: I can...</u></b></p> <ul style="list-style-type: none"><li>• Predict whether sound will travel through the listed objects namely – wood, metal, sponge, plastic, cardboard, rubber, dough, cotton wool.</li><li>• Test to find out whether sound travels through different solids.</li><li>• Record observations on a table.</li><li>• Compare to see if the results match the predictions.</li></ul> <ul style="list-style-type: none"><li>❖ Science Bug International – Topic book &amp; Workbook</li><li>❖ Active Learn allocation</li><li>▪ Read Topic book- pages 8,9</li><li>▪ Complete Workbook pages 6,7</li></ul>
--	---