

## Distance Learning 2020-2021

<b>Subject</b>	<b>Science</b>
<b>Class/Division</b>	Year 4 A-F
<b>Week 9-Term 2</b>	18 <sup>th</sup> April to 22 <sup>nd</sup> April
<b>Work sent to students via</b>	ZOOM / Google Classroom
<b>Total number of lessons per week</b>	3 ZOOM sessions
<b>UNIT 7</b>	<b>Electricity</b>
<b>ZOOM 1</b>	<p><b><u>Learning Objective:</u></b> Understand some uses of electricity and identify common appliances that use electricity.</p> <p><b><u>Learning Outcome:</u></b></p> <ul style="list-style-type: none"><li>• Name some common appliances which use electricity to produce light, heat, movement, sound or combinations of these.</li><li>• Explain that mains electricity brings electricity from a power station through cables.</li><li>• Recognise that mains electricity can supply a lot of power.</li><li>• List common appliances that work on electricity (using mains electricity /using batteries)</li></ul> <p><b>Resources:</b></p> <ul style="list-style-type: none"><li>❖ PPT with video link.</li><li>❖ Topic Book &amp; Workbook.</li><li>❖ Active Learn allocation.</li></ul> <p><b>Task :</b></p> <ul style="list-style-type: none"><li>▪ Read Topic Book page 1</li><li>▪ Complete Work Book page1</li></ul>
<b>ZOOM 2</b>	<p><b><u>Learning Objective:</u></b> Understand that some devices use batteries that supply electricity.</p> <p><b><u>Learning Outcome:</u></b></p> <ul style="list-style-type: none"><li>• Know that batteries are a source of electricity.</li><li>• Use the term ‘cell’ for individual units of a ‘battery’</li><li>• Sort electric appliances that work on mains, batteries or both.</li></ul> <p><b>Resources:</b></p> <ul style="list-style-type: none"><li>❖ PPT with video link.</li><li>❖ Topic Book &amp; Workbook.</li><li>❖ Active Learn allocation.</li></ul>

<b>Task :</b>	<ul style="list-style-type: none"><li>▪ Read Topic Book pages 2 &amp;3</li><li>▪ Complete Work Book pages 2 &amp; 3</li></ul>
<b>ZOOM 3</b>	<p><b><u>Learning Objective:</u></b></p> <ul style="list-style-type: none"><li>• Understand the dangers associated with the mains electricity.</li><li>• Explore some Electrical inventions.</li></ul> <p><b><u>Learning Outcome:</u></b></p> <ul style="list-style-type: none"><li>• Realize that use of batteries is safer whereas mains electricity can be dangerous and needs to be handled carefully.</li><li>• Recognize the dangers associated with the mains electricity (for example electrocution and fire).</li><li>• Create a poster to spread awareness about the dangers associated with electricity.</li><li>• Design a new electrical appliance that will make life easier.</li></ul>
<b>Resources:</b>	<ul style="list-style-type: none"><li>❖ PPT with video link.</li><li>❖ Topic Book &amp; Workbook.</li><li>❖ Active Learn allocation.</li></ul>
<b>Task:</b>	<ul style="list-style-type: none"><li>▪ Read Topic Book pages 4 &amp; 5</li><li>▪ Complete Work Book pages 4 &amp; 5</li></ul>