

Subject	Science
Class/ Division	Year 4 A-F
Week 9	May 17 th to 21 st
Work sent to students via	Group Email
Total number of lessons per week	3 (1 ZOOM session & 2 Morning learning sessions)
Unit	Electricity – Everyday Uses and Simple Circuits
Lesson 1 (Morning Learning)	<p><u>Learning objective (Review lesson)</u></p> <ul style="list-style-type: none"> • Understand that the mains electricity brings electricity from a power station through cables. • Recognise the dangers associated with mains electricity. (For example: mains electricity must not be used near water; check appliances regularly; ensure wires are in good repair; mains electricity is significantly more dangerous than electricity from a cell (battery). <p><u>Learning Outcome (Recall)</u></p> <ul style="list-style-type: none"> ❖ I can explain that mains electricity can supply a lot of power and it comes from power stations. ❖ I can state a few safety precautions needed while using mains electricity. ❖ I can create a poster to spread awareness among children about being safe around electrical appliances.
➤ Task	<ul style="list-style-type: none"> ➤ Complete page 4 in Worksheet file ➤ Write down the safety rules to follow while using electrical appliances (Refer worksheet file page 8- Read the safety rules given) ➤ Create a colourful poster about being safe around electrical appliances in the notebook (optional).
➤ Resources	<ul style="list-style-type: none"> ➤ Power point 1 ➤ Science text book (Active Learn) ➤ Science Worksheet file
Lesson 2/3 Components of a circuit (ZOOM Session)	<p><u>Learning Objective:</u> Construct simple working series circuits from simple instructions or drawings.</p> <p><u>Learning Outcome:</u></p> <ul style="list-style-type: none"> ❖ State what a complete circuit is. ❖ Recognize that electricity can flow only in a complete circuit without gaps. ❖ Identify the components in a circuit (cells, wires, bulbs, switches and buzzers)

<p>➤ Task</p> <p>➤ Resource</p>	<p>➤ Read pages 4&5-Science text book.</p> <p>➤ Read pages 1& 2 (Worksheet file task)</p> <p>➤ Refer Active Learn Allocations.</p> <p>➤ Science text book (Active Learn)</p> <p>➤ Science worksheet file (pages 1&2)</p> <p>➤ Active Learn Allocations.</p>
<p>Lesson 2/3 (Morning Learning)</p> <p>➤ Task</p> <p>➤ Resource</p>	<p><u>Learning Objective:</u> Construct simple working series circuits from simple instructions or drawings.</p> <p><u>Learning Outcome:</u></p> <ul style="list-style-type: none"> ❖ Predict whether the bulb will light. (Diagrams given) ❖ Draw a circuit diagram using symbols. ❖ Begin to construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers(optional) <p>➤ Complete the tasks from pages 4, 6, 7 in the worksheet file.</p> <p>➤ Read page 8 in the worksheet file.</p> <p>➤ Create a switch using a paper clip, cardboard and split pins (Optional activity-Refer Science textbook page 4)</p> <p>➤ Power point 2</p> <p>➤ Science Worksheet File</p> <p>➤ Active Learn Allocations</p> <p>➤ Science text book (Active Learn)</p>