

Distance Learning 2020-2021

Subject	Science
Class/Division	Year 4 A-F
Term 2	June 20 th to 24 th
Work sent to students via	ZOOM / Google Classroom
Total number of lessons per week	3
GAP Topic	Electricity
Lesson 1- Electrical Appliances	<p><u>Learning Objective:</u> Recall that the electrical items in our homes are powered from mains electricity or batteries and identify some of these appliances and devices.</p> <p><u>Learning Outcome:</u></p> <ul style="list-style-type: none"> ➤ Identify common appliances that run on electricity. ➤ Explain that electrical energy can be converted into other types of energy such as light, heat, movement or sound. <p>Resources: https://www.bbc.co.uk/bitesize/topics/z2882hv/articles/zcwnv9q</p> <p>Task : Students read the information and complete a quiz using the link posted on GC.</p>
Lesson 2 – Electric circuit	<p><u>Learning Objective:</u> Identify the electrical materials and components required for a buzzer to sound or a bulb to light. Use symbols to represent each component.</p> <p><u>Learning Outcome:</u></p> <ul style="list-style-type: none"> ➤ Name the electrical materials and components required for a buzzer to sound or a bulb to light. ➤ See a diagram of an electrical circuit and identify what the symbols represent. <p>Resources: Power point presentation – CIRCUIT QUIZ</p> <p>Task : Students complete an interactive game using the link posted on GC.</p>
Lesson 3 Electrical Conductors and insulators	<p><u>Learning Objective:</u> Explore about some common electrical conductors and insulators, and associate metals with being good conductors.</p> <p><u>Learning Outcome:</u></p> <ul style="list-style-type: none"> ➤ Predict and explain which materials are good conductors of electricity, and which are not. <p>Resources: https://www.youtube.com/watch?v=PeMe0mO9TMw</p> <p>Task: Students complete an interactive game using the link posted on GC</p>