

Year 5 Science Work for Distance Learning Week- 11(Term 1)

Subject	Science
Class/Division	Year 5 A-F
Week	11(8th November to 12th November)
Work sent to students via	Google Classroom
Total number of lessons per week	3 live Zoom lessons and 1 Google Classroom lesson
Unit	MATERIALS
LESSON 1	<p>Learning objective: Understand that some materials are better conductors of electricity than others.</p> <p>Learning Outcomes: Students will be able to;</p> <ul style="list-style-type: none"> • Define electrical conductor and insulator and give examples of each. • Describe why different parts of an electrical plug is made from different materials. • Understand what happens when a cosmic ball is passed around in a circle with students linking hands. • Explain why the cosmic ball did not light up. <p>POWER POINT with video links - To be posted on Google Classroom on the day of the lesson</p> <p>Active Learn allocations: https://www.activelearnprimary.co.uk/resource/471475</p> <p>Topic book: Read pages 8 and 9 Workbook : Complete pages 7 and 8</p>
LESSON 2	<p>Learning objective: Understand that some materials are better conductors of heat than others.</p> <p>Learning Outcomes: Students will be able to;</p> <ul style="list-style-type: none"> • Define thermal conductor and insulator and give examples of each. • Explain why cooking pans are made of metal and the handles are made of plastic or wood. • Explain which material is the best to use as a coaster(Investigation via video link)
Resources:	<p>POWER POINT with video links - To be posted on Google Classroom on the day of the lesson</p> <p>Active Learn allocations: https://www.activelearnprimary.co.uk/resource/471475</p>

	<p>Topic book: Read Page 10 Work book: Complete Page 10 Live Zoom lesson</p>
<p>LESSON 3</p> <p>Resources:</p>	<p>Learning objective: Describe how winter clothing is designed.</p> <p>Learning Outcomes: Students will be able to;</p> <ul style="list-style-type: none"> • Realise that special clothing to help us survive in very cold places is made of materials which trap air. • Know that trapped air is a good insulator. • Explain why several layers of clothing are better than a single thick layer. • Understand what the base layer, middle layer and the shell layer of the winter jacket are made of and why. <p>POWER POINT with video links- To be posted on Google Classroom on the day of the lesson Topic Book: Read page 11</p> <p>Live Zoom lesson.</p>
<p>LESSON 4 GOOGLE CLASSROOM</p>	<p>Students will :</p> <p>Read -Topic Book-Page 8, and 9 Complete- Workbook page 9</p> <p>Active Learn Allocation:</p> <p>https://www.activelearnprimary.co.uk/resource/471434 https://www.activelearnprimary.co.uk/resource/471474</p>