



## TSS Primary Science MTP 2022-2023 Year 2 Block 2 – Physics

Key Targets and Learning Objectives		Key Activities	Equipment
<ul style="list-style-type: none"> <li>• Know that forces can change the movement of an object</li> <li>• Know that forces can change the shape of an object</li> <li>• Recognise that things will only speed up, slow down or change direction when something else causes them to do so</li> <li>• Know that there are many light sources, including the Sun</li> <li>• Know that darkness is the absence of light</li> <li>• Identify how we use electricity and describe how to be safe with it</li> <li>• Recognise the components of simple circuits (limited to cells, wires and lamps)</li> <li>• Explore the construction of simple series circuits (limited to cells, wires and lamps)</li> </ul>		<ul style="list-style-type: none"> <li>• STEM activity – Invent a new electrical appliance.</li> <li>• Learner’s Book: Activity 1: Electricity in school</li> <li>• Activity 2: Which switch?</li> <li>• Think like a scientist: Finding out about electricity</li> <li>• Workbook: Topic 6.1</li> <li>• Teacher’s Resource: <a href="#">📄</a>Worksheets 6.1A, 6.1B, 6.1C</li> <li>• Digital Classroom: Song – There’s electricity</li> <li>• Mains means danger</li> <li>• Activity 2: Electrical safety poster</li> <li>• Think like a scientist: Electrical safety survey</li> <li>• Learner’s Book: Activity 1: Mains means danger Activity 2: Electrical safety poster</li> <li>• Think like a scientist: Electrical safety survey</li> <li>• Workbook: Topic 6.2</li> <li>• Teacher’s Resource: Worksheets 6.2A, 6.2B, 6.2C</li> <li>• Learner’s Book: Activity 1: Make a circuit</li> <li>• Think like a scientist: Do more lamps mean brighter lamps?</li> <li>• Activity 2: Why are wires made of metal?</li> <li>• Activity 3: Do more cells make lamps brighter?</li> <li>• Workbook: Topic 6.3</li> <li>• Teacher’s Resource: <a href="#">📄</a>Worksheets 6.3A, 6.3B, 6.3C</li> <li>• Digital Classroom: Manipulative – Can you build a circuit?</li> </ul>	<ul style="list-style-type: none"> <li>• Bulbs</li> <li>• Electricity sources</li> <li>• Torches</li> <li>• Circuits</li> <li>• Battery</li> <li>• Cells</li> <li>• Wires</li> <li>• Lamps</li> <li>• Drinking glass</li> <li>• Paper</li> <li>• Pens</li> </ul>
Key vocabulary	Going Green Link	Integration of technology	
	Looking at ways of renewable sources of energy including solar power.	Use of iPads for research. Use of circuits and battery.	