


Topic:	Skills	Key Vocabulary
<div>Electricity</div> <div></div>	<ul style="list-style-type: none">• Identify common appliances that run on electricity.• Construct simple series and parallel electrical circuits, identifying and naming the basic parts, including cells, wires, bulbs, switches and buzzers.• Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery• Recognise that a switch opens and closes a circuit, and associate this with whether or not a lamp lights in a simple series circuit.• Recognise some common conductors and insulators, and associate metals with being good conductors.• Ask relevant questions.• Set up simple, practical enquiries and fair tests.• Make accurate measurements.• Gather, record, classify and present data to record findings in a variety of ways.• Use results to draw simple conclusions and suggest improvements, new questions and predictions for setting up further tests.• Identify differences, similarities or changes related to simple, scientific ideas and processes.• Use straightforward, scientific evidence to answer questions or to support findings.	electricity, current, voltage, loop, circuit, cells, wires, bulbs, switches, buzzers, switch, conductor, insulator,
Subject:		Duration
		2 weeks (beginning 16.9.19)
Science		Celebration:
		The circuit challenge
<u>Things to support learning at home:</u>		<u>Focus Value/Learning Power:</u>
<ul style="list-style-type: none">• Build and test electrical circuits online: www.cleo.net.uk/consultants_resources/science/circuitWorld/circuitworld.html• Create an electrical safety poster or an environmental awareness poster about reducing electrical usage.• Find out more and test your knowledge by playing Blob's game: www.andythelwell.com/blobz/guide.html• Research eco-friendly ways of creating electricity		<ul style="list-style-type: none">• Perseverance/ Never give up• Be curious (asking questions)• Cooperation• Challenge