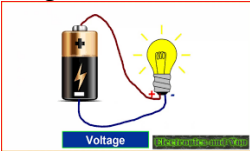

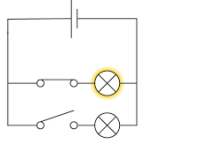


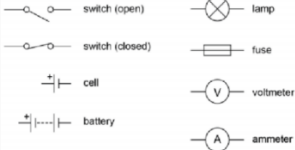


Year 6 Science - Electricity - Summer 1

What should I already know?	What am I going to learn in this unit?	Vocabulary I need to know	
<ul style="list-style-type: none"> Identify common appliances that run on electricity Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers Identify whether or not a lamp 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 	<ul style="list-style-type: none"> I can associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in a circuit. I can compare and give reasons for variations in how components function, including the brightness in bulbs, the loudness of buzzers and the on/off position of switches. I can use recognised symbols when representing a simple circuit in a diagram 	<u>Voltage</u> 	<p>The pressure from an electrical circuit's power source that pushes past a given point</p>
		<u>Circuit</u> 	<p>A complete and closed path around which a circulating electric current can flow</p>
		<u>Parallel Circuit</u> 	<p>Has two or more paths for the electricity to flow, the loads are parallel to each other</p>
		<u>Electrical Safety</u> 	<p>Any type of precaution taken to protect yourself against electric currents</p>
		<u>Electricity</u> 	<p>The flow of tiny particles called electrons and protons. It can also mean the energy you get when electrons flow from place to place</p>
		<u>Component</u> 	<p>A part or element of a larger whole</p>