



Electricity Progress Check

Name _____
Date _____

	Learning Outcomes	✓😊	?😊	✗😞
L2	<i>I can build basic circuits using bulbs, switches, buzzers, wires and batteries</i>			
	<i>I can represent a circuit using a circuit diagram</i>			
	<i>I can describe energy changes in a circuit</i>			
	<i>I have built simple cells and know that they are portable energy sources</i>			
1	I have reviewed electrical symbols.			
2	I can define and set up a series circuit.			
3.	I can draw circuit diagrams to represent series circuits			
4.	I can measure current in a series circuit and state that it is the same throughout			
5.	I can define and explain current as 'the rate of flow of electrons measured in amps', using an ammeter.			
6	I can measure voltage in a series circuit and state that it is different across different components			
7	I can define and explain the term voltage as the amount of energy each electron carries, measured across a component using a voltmeter.			
8	I can define and set up a parallel circuit.			
9	I can draw circuit diagrams to represent parallel circuits			
10	I can measure currents and voltages in parallel circuits			
11	I can state that current in a parallel circuit is different in the different branches			
12	I can state that the voltage in a parallel circuit is shared between each branch.			
13	I can state uses for each type of circuit and advantages/disadvantages.			
14	I can design a simple chemical cell and test its voltage.			
15	I can identify factors affecting voltage produced by a simple chemical cell. (e.g type of metal, electrolyte etc)			

In this topic I have successfully.....

To make further progress I should.....

Target: In the next topic I will.....