

## 7J Current Electricity

Draw a ring around a number of stars for each statement. If you are very confident about a statement, draw your ring around all the stars. If you do not know anything about a statement do not draw a ring.

Topic	At the end of the unit:		
<b>7Ja</b>			
	Measure the current in part of a circuit using an ammeter.	UK NC, iLS, CEE	* * * * *
	State what is meant by current.	UK NC, iLS, CEE	* * * * *
	Describe the effect of adding more bulbs to a series circuit.	UK NC, iLS, CEE	* * * * *
	Describe what the current is like at different points in a series circuit.	UK NC, iLS, CEE	* * * * *
<b>7Jb Working Scientifically</b>			
	Identify physical and abstract models.	UK NC, iLS, CEE	* * * * *
	Evaluate simple circuit models.	UK NC, iLS, CEE	* * * * *
<b>7Jb</b>			
	Describe how to make a simple circuit.	UK NC, iLS, CEE	* * * * *
	Model circuits using circuit diagrams and standard symbols.	UK NC, iLS, CEE	* * * * *
	Construct simple electrical circuits.	UK NC, iLS, CEE	* * * * *
	Describe the strengths and weaknesses of some of the models used to explain electricity.	UK NC, iLS, CEE	* * * * *
<b>7Jc</b>			
	Describe how current divides between the branches in a parallel circuit.	UK NC, iLS, CEE	* * * * *
	Compare series and parallel circuits.	UK NC, iLS, CEE	* * * * *
	Predict what the currents will be in different parts of series and parallel circuits.	UK NC, iLS, CEE	* * * * *
<b>7Jd</b>			
	State what is meant by voltage and describe how it is measured.	UK NC, iLS, CEE	* * * * *
	State what is meant by resistance.	UK NC, iLS, CEE	* * * * *
	Describe how resistance and current are related.	UK NC, iLS	* * * * *
	Use models to help to explain the idea of voltage and how it is divided between components in series and parallel circuits.	UK NC, iLS, CEE	* * * * *
<b>7Je</b>			
	Describe some uses and dangers of electricity.	UK NC, iLS, CEE	* * * * *
	Recall why fuses and circuit breakers are used.	UK NC, iLS	* * * * *
	Explain how electricity can be used safely at home and at school.	UK NC, iLS, CEE	* * * * *