

Lesson	Know	Apply	Extend
2.1.1 Potential difference	I can state the unit of potential difference. <input type="checkbox"/>	I can describe what is meant by potential difference. <input type="checkbox"/>	I can explain why potential difference is measured in parallel. <input type="checkbox"/>
	I can name the equipment used to measure potential difference. <input type="checkbox"/>	I can describe how to measure potential difference. <input type="checkbox"/>	I can predict the effect of changing the rating of a battery or bulb in a circuit. <input type="checkbox"/>
	I can describe the effect of a larger potential difference. <input type="checkbox"/>	I can describe what is meant by the rating of a battery or bulb. <input type="checkbox"/>	I can set up and measure potential difference across various components in a circuit. <input type="checkbox"/>
	I can use appropriate equipment to measure potential difference. <input type="checkbox"/>	I can set up a simple circuit and use appropriate equipment to measure potential difference. <input type="checkbox"/>	I can explain the difference between potential difference and current. <input type="checkbox"/>
2.1.2 Resistance	I can calculate the resistance from values of p.d. and current with support. <input type="checkbox"/>	I can describe what is meant by resistance. <input type="checkbox"/>	I can explain the causes of resistance. <input type="checkbox"/>
	I can compare simply the resistance of conductors and insulators. <input type="checkbox"/>	I can calculate resistance of a circuit. <input type="checkbox"/>	I can explain what factors affect the resistance of a resistor. <input type="checkbox"/>
	I can list examples of conductors and insulators. <input type="checkbox"/>	I can describe the difference between conductors and insulators in terms of resistance. <input type="checkbox"/>	I can compare the effect of resistance in different materials. <input type="checkbox"/>
	I can identify some of the variables in the investigation. <input type="checkbox"/>	I can identify independent, dependent, and control variables. <input type="checkbox"/>	I can independently select and control all the variables in the investigation, considering accuracy and precision. <input type="checkbox"/>
2.1.3 Series and parallel circuits	I can state one difference between series and parallel circuits. <input type="checkbox"/>	I can describe the difference between series and parallel circuits. <input type="checkbox"/>	I can predict the effect of changing the resistance of a circuit component on the resistance of the circuit. <input type="checkbox"/>

Lesson	Know	Apply	Extend
	I can state how potential difference varies in series and parallel circuits. <input type="checkbox"/>	I can describe how potential difference varies in series and parallel circuits. <input type="checkbox"/>	I can explain why potential difference varies in series and parallel circuits. <input type="checkbox"/>
		I can identify the pattern of potential difference in series and parallel circuits. <input type="checkbox"/>	I can explain the pattern in potential difference readings for series and parallel circuits, and draw conclusions. <input type="checkbox"/>