

Assessment Criteria	A Excellent	B Good	C Satisfactory	D Developing	E Limited
	17-20	13-17	10-13	7-9	0-6
Design and draw accurate electrical circuit diagram using appropriate graphical representation. /20 marks	Designs and draws neat and accurate electrical circuit diagram, labelling all components using correct technical terms, showing direction of electrical current within circuit, and indicating positive and negative on diagram. Indicates type of circuit drawn.	Designs and draws neat and accurate electrical circuit diagram, labelling most components using correct technical terms, showing direction of electrical current within circuit, and indicating positive and negative on diagram. Includes type of circuit drawn.	Designs and draws electrical circuit diagram, labelling some components using correct technical terms, showing direction of electrical current within circuit, and indicating positive or negative on diagram. Includes type of circuit drawn.	Designs and draws electrical circuit diagram, labelling minimal components using incorrect technical terms. Includes either direction of current within circuit or positive and/or negative on diagram. Does not include type of circuit drawn.	Draws limited electrical circuit diagram, does not label components, does not include direction of current within circuit, does not include positive and/or negative on diagram. Does not include type of circuit drawn.
	17-20	13-16	10-13	7-9	0-6
Communicates electrical circuit design through written explanation using appropriate technical terms. /20 marks	Describes in depth type of electrical circuit designed, names all components and explains direction of electrical current within circuit and detailed reason for direction.	Describes type of electrical circuit designed, names most components and explains direction of electrical current within circuit and basic reason for direction.	Names type of electrical circuit designed, names some components and describes direction of electrical current within circuit without reason.	Names some components of electrical circuit. Does not name electrical circuit or describe direction of current within circuit.	Does not describe type of electrical circuit designed, does not name components and does not describe direction of current within circuit.
	8.5-10	6.5-8	5-6.5	3-4	0-3
Construct working electrical circuit to match circuit diagram. /10 marks	Constructs accurate, working electrical circuit to match diagram, using basic components, including wire, up to 2 batteries, 1-2 light bulbs and 1 switch.	Constructs working electrical circuit to match diagram, using basic components, including wire, 1 battery, 1 light bulb and 1 switch.	Constructs electrical circuit to match diagram, using basic components, including wire, 1 battery, 1 light bulb and 1 switch.	Constructs partial electrical circuit using basic components, including wire, 1 battery, 1 light bulb, no switch.	Does not construct electrical circuit using basic components.
TOTAL MARKS /50					