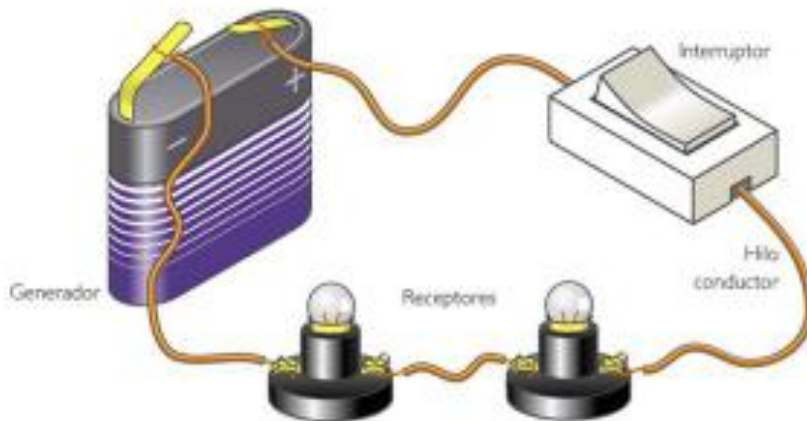


Appendix 2

Example of physical representation of closed series circuits



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The Hong Kong Academy for Gifted Education

Appendix 3

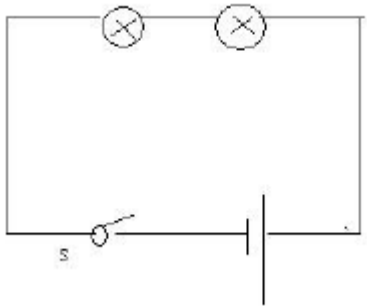
Diff(1) Labels of circuit diagram and drawing closed series circuit diagram

P. 5 “Electricity” Module Challenge 1

Please draw a diagram of the closed series circuit you finished with reference to the following labels of circuit diagram.

Name	Icon	Letter symbol	Name	Icon	Letter symbol
Current		A	Ammeter		
Voltage		V	Voltmeter		
Alternating current		AC	KWH meter or Kilowatt-hour meter		
Direct-current		DC	Lamp		H
OFF		OFF	Microphone		BM
ON		ON	Loudspeaker		BL
Resistor		R	Insert earphone		B
Potentiometer		RP	Circuit breaker		J, K
Thermistor		RT	Battery Battery pack		GB
Capacitor		C	Wire connection		
Polar capacitor		C	Cross connection of wires		
Variable capacitor		C	Wires not connected		
Loop		L	Switch		K
Semiconductor diode		VD	Antenna		Ground
Photoelectric diode		VD	Grounding		
Light-emitting diode		VD	FG		
NPN type triode		V	Transformer		T
PNP type triode		V	Magnet coil		L
Fuse			Fluorescent lamp		
Socket			Starter		

Reference answers for teachers



Appendix 4

Example of physical representation of parallel closed circuits

