


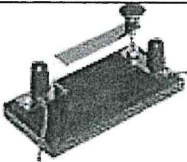


# Electricity and Electric Circuits

Watch the powerpoint and read pages 300 - 301 and p.545, to complete the following questions.

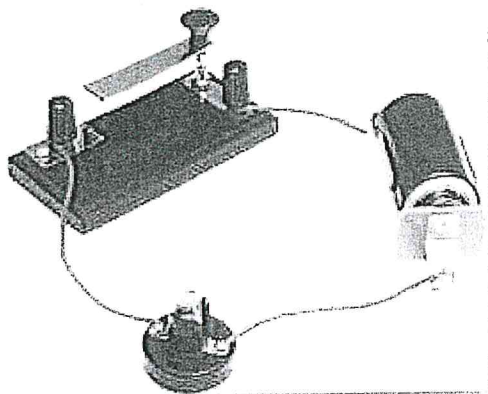
Current electricity definition: \_\_\_\_\_

Electric Circuit definition: \_\_\_\_\_

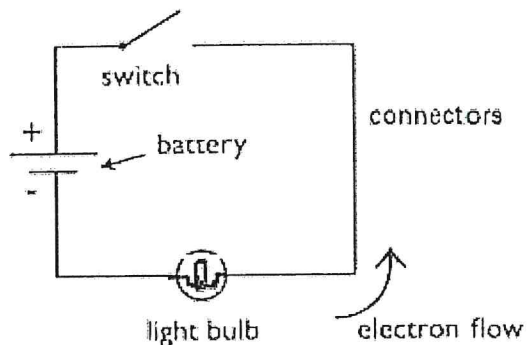
**Complete the table for Parts of a Circuit**

	Pictorial Diagram	Schematic Symbol	Function	Examples
Source				
Control		open		
		closed		
Load				
Connectors				

Label the 4 parts of the circuit on the pictorial diagram below.



The following shows the schematic diagram for the same circuit



Differentiate between an open circuit and closed circuit.

Open Circuit: \_\_\_\_\_

Closed Circuit: \_\_\_\_\_

Fill in the chart by identifying the name of the circuit part and identifying it (description) as a load, source, connector or switch.

Schematic Diagram Symbols (p. 545 in text)		
Symbol	Name	Description (load, source, connector, switch)