

Open and Closed Circuit Writing Activity

For this assignment, you will be covering parts of a circuit through a writing activity. Your job will be to give an explanation about circuits in paragraph form. Your paragraph should have a topic sentence, supporting details, and a concluding sentence.

Things to remember about circuits....

- Electricity is the flow of electrons that flow through a circuit.
- There are 3 parts to a circuit...
 - a source (where we get the energy from..ie battery, plug in)
 - the load (whatever is going to get the energy..light bulbs, motor)
 - a wire (your means of transfer)
- A switch safely opens and closes a circuit.
- Open circuit – electrons WILL NOT flow, switch is off, circuit is open, path is incomplete
- Closed circuit – electrons WILL flow, switch is on, circuit is closed, path is complete

On your own paper, write a paragraph about the following statement:

When talking about circuits, open means off and closed means on.

Write a paragraph explaining what that means.

Extra for Experts...

Draw a picture of an open and closed circuit and label it appropriately.