



INDIAN SCHOOL AL WADI AL KABIR

DEPARTMENT OF SCIENCE-2019-20

WINTER HOLIDAY HOMEWORK-CLASS-VI



An electric circuit

1. Make a model of the electric circuit.
2. A two page write up that should include –
3. Scientist who discovered electricity. (Benjamin Franklin)
4. What is an electric circuit?
5. How did you prepare your model?

Materials needed by you-

- *All the materials will be easily available in your house.*
- *Three wire pieces*
- *A torch bulb/ LED bulb thumb pin, safety pin and sticking tape*
- *A small card board piece*

Steps:

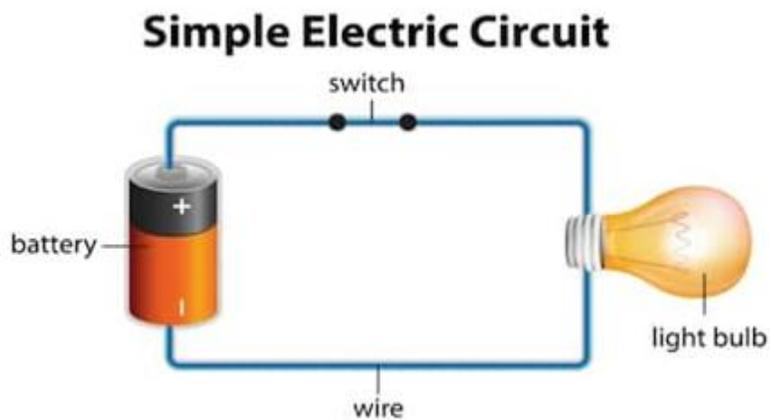
1. Place a bulb and a cell some distance apart on the cardboard. Use tape to secure their positions. Plug a thumb pin.
2. Connect a wire at each end of the bulb/LED connect one wire from the bulb to the positive (+ve) terminal of the cell and secure it. Connect the second wire from the bulb to the drawing pin.
3. Connect a wire from the negative (-ve) terminal of the cell to the safety pin.
4. Touch the safety pin to the thumb pin. Observe.

You can prepare innovative models showing street lights/parks etc.

Please take the guidance of an adult in your pursuit to make the model

You can also use the following video link for guidance

<http://youtube.com/watch?v=f-oDjQ58en8>



Date of submission: 12.1.2020



Prepared by: Raxy Ninan