**INDIAN SCHOOL ALWADI AL KABIR**

**DEPARTMENT OF SCIENCE 2015-16**

**WINTER PROJECT – CLASS 6**

**Make a working model of a simple circuit: (Parental Guidance is recommended)**

**Required materials**

* Bulb
* A cell
* thumb pin
* Safety pin
* Cardboard
* connecting wires

**Estimated Experiment Time**

Approximately 30 minutes

**Step-By-Step Procedure**

**1.** Place a bulb and a cell some distance apart on a cardboard.

 Use a tape to secure their positions.

**2.** Plug a thumb pin some distance from the bulb.

**3.** Cut three pieces of wires. Peel off the ends of the wires.

**4.** Connect wires from each end of the bulb. Connect one wire from the bulb to the

 positive terminal of the cell .Connect the second wire from the bulb to a drawing pin.

**5.** Connect a wire from the negative terminal of the cell to the safety pin .

**6.** Touch the safety pin to the thumb pin and record your observation.

7. Students can use their creativity as shown in the figure. Page 1 of 2

**Note**

* Be careful in handling sharp objects like the scissors.

**Prepare a file with:**

* the circuit diagram.
* a write-up on the making of the circuit diagram.
* **REFERENCE: CLASS 6 - SCIENCE TEXTBOOK**

**DATE OF SUBMISSION: 10.01.16 / Sunday**

**Criteria for evaluation**

Idea / Theme , Appropriate to the theme , Usefulness, Explanation ,

Command on the subject/model, Overall Presentation ( 5 x 2 = 10)

 *Prepared by Ms. Suma Senu*

**Jenifer Robinson**

**Academic Supervisor – Science**

**14.12.15 / Tuesday**

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