

The Primary Stage of Grades (4-5)  
School Year 2022 - 2023

Name: \_\_\_\_\_

Subject: Science  
Lab report #1: Electrical Circuits

Date: / /

Class: Grade Five National (A/B)

Objective/s

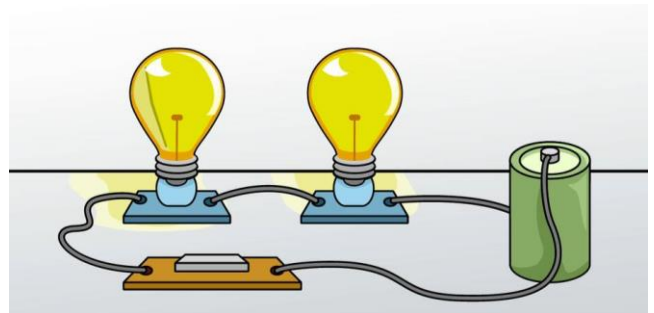
- Differentiate between electrical conductors and insulators.
- Test materials in the laboratory to decide whether they are electrical conductors or insulators.

Materials required:

Different Objects:			
Plastic	copper	rubber	iron
Glass	wood	steel	aluminum
A bulb		Cells	
Wires		Switch	
A bulb holder			

Procedure:

1. Construct a simple electric circuit.
2. Add each object to the circuit.
3. Observe what happens, record your observation in the table.



**Write your prediction before doing the test.**

Material	Prediction Will the circuit work?	Observation Does the circuit work?	Electrical Conductor/ Insulator
Copper			
Plastic			
Rubber			
Iron			
Steel			
Glass			
Wood			
Aluminum			

**Conclusion:**

**Electrical conductors are:**

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Examples: .....

**Electrical insulators are:**

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Examples: .....