

# High School Physics Activity

**Topic:** Voltage and Resistance

## ***Objective***

Students explore and understand voltage and resistance concepts.

## ***Materials***

- Notebook
- Lab materials
- Chart paper
- Markers
- Calculator

## ***Procedure***

1. Introduce voltage and resistance.
2. Discuss real-life applications.
3. Observe demonstration or simulation.
4. Record observations.
5. Present findings.

## ***Observation / Notes***

Observation	Notes

## ***Discussion Questions***

- What is voltage and resistance?
- Where is it used?
- What did you observe?
- Why is it important?

## ***Extension Activity***

Design a model demonstrating voltage and resistance.

## Voltage and Resistance Diagram

Circuit

Voltage/Resistance