

## Ohmic, non-ohmic conductor and Photoresistor

### Learning Objectives:

Students will be able to

- Define Ohmic and Non-ohmic conductors
- Distinguish between them
- Identify them with the help of a graph
- Create a Arduino uno enabled project where ohmic conductor is used (Photoresistor)

### Learning Activities for Students:

- Students will collect information on how to identify ohmic and non-ohmic materials
- Students will collaboratively work to identify whether Ohmic and non-ohmic conductor was used in real life materials
- Students will use AI scratch coding app on Ohm's and identify Ohmic conductor as well as compare the differences from non-Ohmic conductor
- Students use non-ohmic conductor (Photoresistor) to create a project (Street lights energy saver) and research on photoresistor