



Bal Bharati
PUBLIC SCHOOL
M A N E S A R

Activity name: Rain Alarm System

Class: VIII

Date: 7/10/24

Description: Students of class VIII have taken part in a hands-on electronics activity; students designed and built a rain alarm system to detect rainfall and provide a visual alert. The system utilized a raindrop sensor and an LED. When raindrops hit the sensor, its resistance decreased, triggering a signal that illuminated the LED. The setup was powered by a DC source, with the sensor's OUT pin connected to the LED for rain detection. Through this project, students explored the practical applications of sensors in weather monitoring, irrigation systems, and protecting outdoor devices from water damage. The activity enhanced their understanding of sensor-based circuits and fostered problem-solving skills.

Glimpses:

