



## **THE BISHOP'S CO-ED SCHOOL, UNDRI**

### **REPORT ON THE MIDDLE SCHOOL EXPERIENTIAL LEARNING ACTIVITY**

#### **STAIRCASE SWITCH**

#### **CLASS- VIII**

***"Learning is the process whereby knowledge is created  
through the transformation of experience."***

***- DAVID KLOB -***

Experiential Learning is the process of learning by doing. Hands-on science activities involve engaging with the subject matter through practical experiments, demonstrations and investigations. Instead of merely observing or memorizing information, learners can manipulate objects, collect data and draw conclusions based on their own experiences.

An interesting session of experiential activity was conducted by the "Sunday Science School" on 5th February, 2024 at "THE BISHOP'S CO-ED SCHOOL, UNDRI" for the students of Class 8. The topic for the activity conducted was 'STAIRCASE SWITCH.' The Director of "Sunday Science School" Mr. Suyash Dake himself demonstrated the activity to the students.

Staircase switches automatically switch lamps off after an adjustable period and are mainly used in stairways, basements, corridors, elevators and lobbies. The idea of providing a two-way switch in a staircase is simple. One switch is provided at the top of the staircase and another at the bottom. This can be switched ON and OFF from either of the switches.

The Science experimental model kit of 'Staircase Switch' were distributed to the students of class 8 and a demonstration was given. Under the guidance of the resource person Mr. Suyash Dake, the students were able to assemble the staircase switch and understand the working of it.

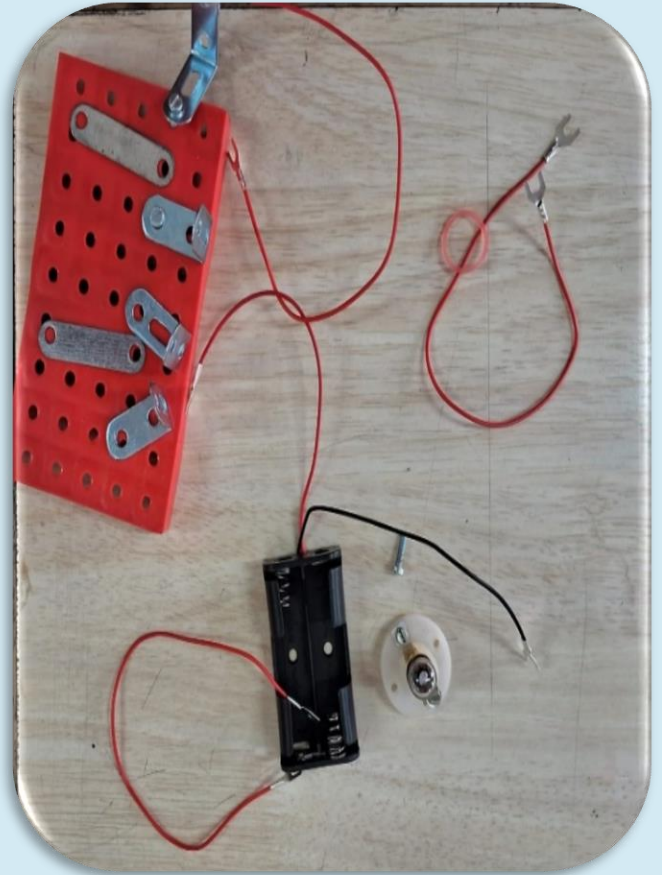
As the session involved lot of interaction and participation, each student found it interesting as well as enjoyable. The staircase lamp activity enabled learners to visualize abstract concepts in action. When students enjoy their work, they become more engaged and enthusiastic about learning. Moreover, the memorable experiences gained through hands-on activities tend to stay with them long after the activity ends, creating a lasting impact.

Report by:

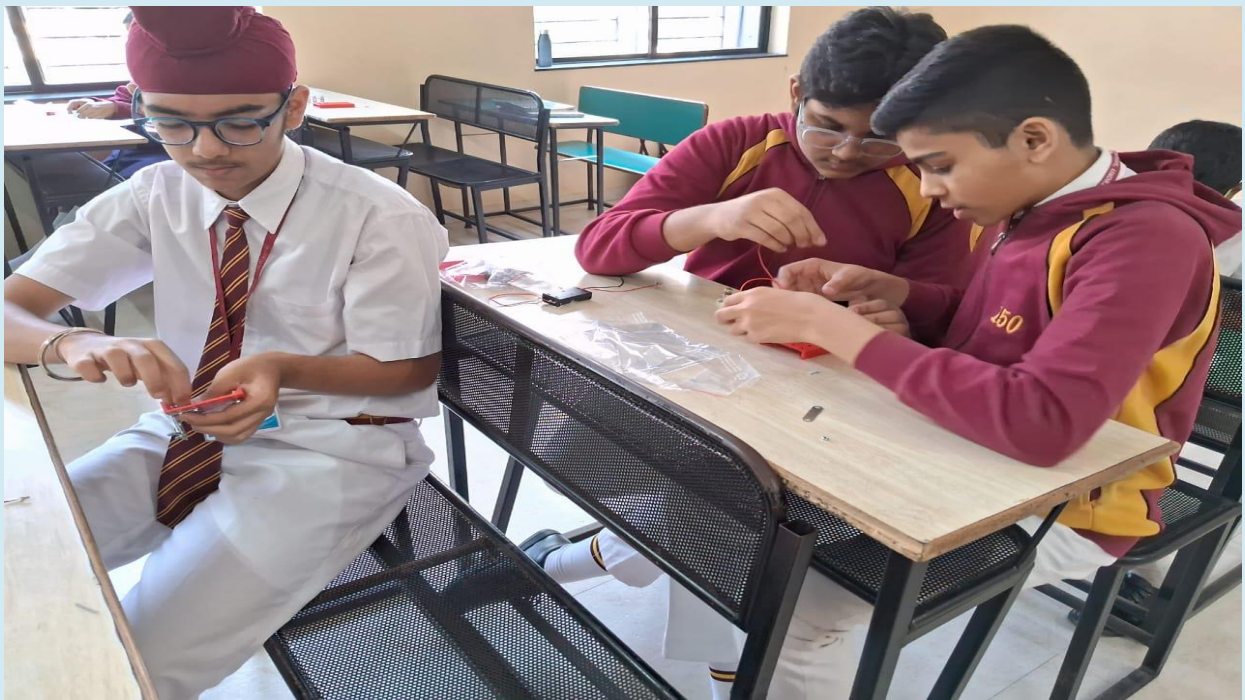
Ms. Rohini Ghorpade



**STUDENTS WITH MR. SUYASH DAKE ... SESSION IN PROGRESS**



**STAIRCASE SWITCH ACTIVITY KIT**



**CURIOUS MINDS AT WORK**

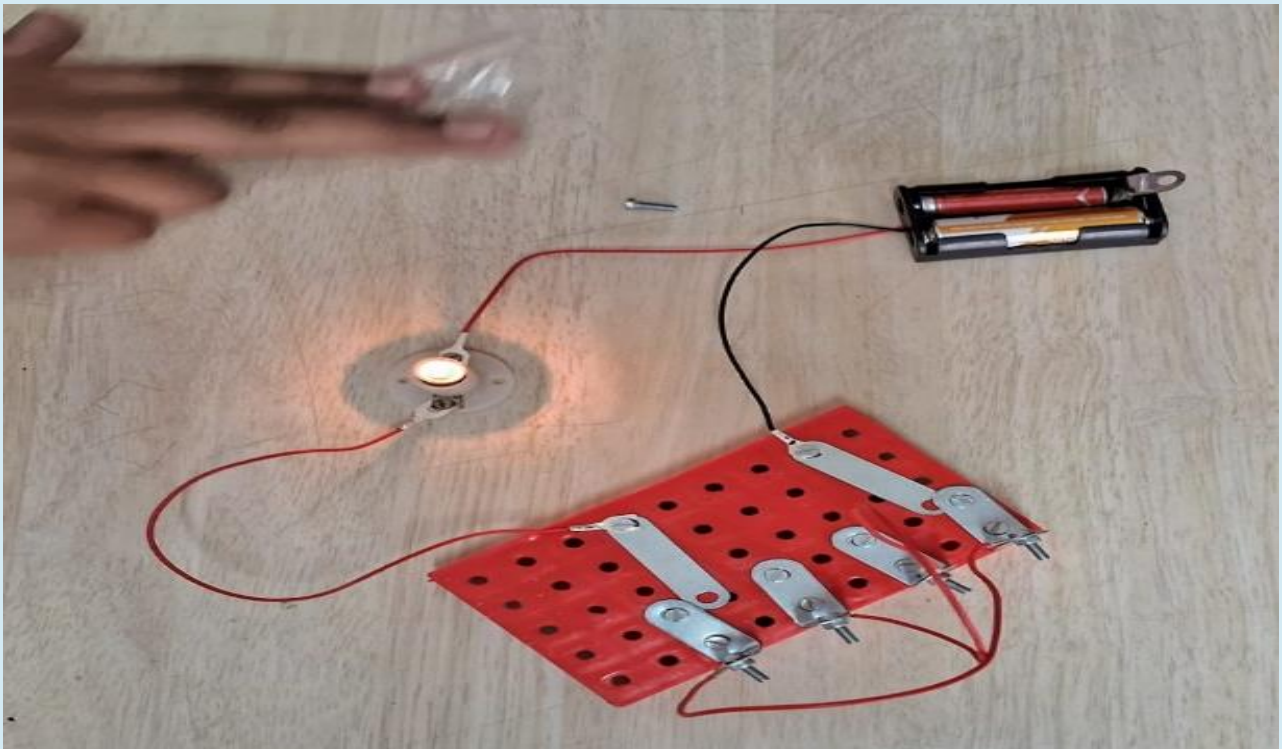




**LEARNING BY EXPERIMENTATION**



**TOGETHER WE LEARN, TOGETHER WE GROW!**



**WORKING MODEL OF A  
STAIRCASE SWITCH**

**"Nothing can dim the light that shines from within"**

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