The Bishop's Co-Ed School, Undri
REPORT ON THE MIDDLE SCHOOL EXPERIENTIAL LEARNING ACTIVITY

CLASS:VII

"Electricity can transform people's lives, not just economically but also socially."

Experiential learning is seen as a progressive method of instruction as it allows students to get a deeper grasp of various topic themes by working on course-related issues that benefit their understanding of how things work.
Students frequently inquire how to apply theories and lessons learned in the classroom to 'the real world'. Experiential activities allow students to learn by doing, recognizing strengths, learning from failures and becoming more skillful learners.

An interesting session of experiential activity was conducted by Experiential Learning Enterprises (ELE Activities) on 9th December, 2023 at the Bishop's Co-ed School, Undri for the students of Class VII. The session was about creating a Miniature Night Lamp. The session was conducted in the French room by Ms. Nikita Kulkarni.

The Science experimental model Kit of the Miniature Night Lamp was provided to the students of class VII and they were explained about electricity, how electric current flows, what is resistance, voltage and importance of resistors.
A demonstration was given on how to connect the wires in the circuit, where to place the battery and how to assemble everything together. Under the guidance of the resource person, the students were able to understand how to connect the wires from the battery to the bulb and the working of it.

Every student considered the session to be very intriguing and exciting because it involved a lot of interaction and participation. Through hands-on science instruction, these activities attempt to develop "higher-order thinking skills". The students of class VII enthusiastically participated and thoroughly enjoyed the learning experience.

Working of an Electric lamp/bulb

A light bulb is a device that produces light from electricity by sending current through a thin wire called 'filament'.

An electrical circuit is composed of a source of electrical power, two wires that can carry electric current, and a light bulb. One end of both the wires is attached to the terminal of a cell while their free ends are connected to the light bulb. To light the bulb, the electrical circuit must be completed, which means connecting the light bulb to the wires so that the wires may carry electric current to the bulb. For this, the electrical circuit needs to be closed.

The wires in an electrical circuit are made of a material called conductor that helps these transmit electricity. These wires have low resistance to electric current. The filament becomes heated and produces light.

The 'Bagless Day Activity' was the cherry on top for our young enthusiastic minds. They had a great time through learning by doing activity and returned home with the knowledge of something they use in their everyday life.

Report by:

Mrs. Akanksha Victor Kane

Assistant Teacher (Middle School)

A few glimpses from the day

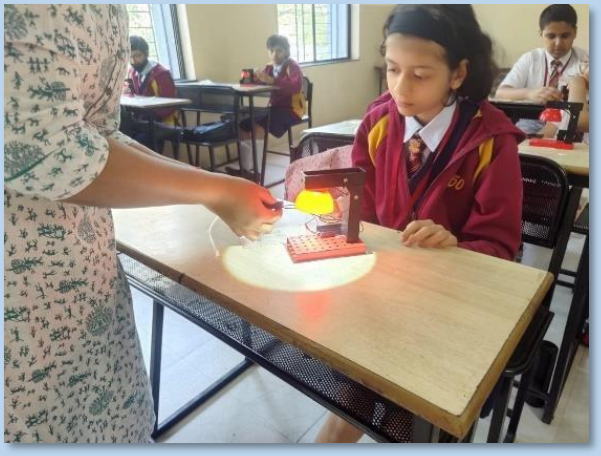
TEACHER EXPLAINING TO THE STUDENTS ABOUT CIRCUIT AND ELECTRICITY FLOW

LEARNING BY DOING

WORKING WITH SOME TOOLS

WORKING WITH THE FLOW OF ELECTRONS

ILLUMINIATING OUR EARTH INTELLIGENTLY



WRAPPING IT UP