

**THE BISHOP'S CO-ED SCHOOL, UNDRI  
REPORT ON THE MIDDLE SCHOOL EXPERIENTIAL LEARNING ACTIVITY**

**Bead Microscope  
Class VI**

***"We learn by example and by direct experience because there are limits to the adequacy of verbal instruction." M. GLADWELL***

The Bishop's Co-Ed School, Undri, had arranged for an Experiential Learning Activity for Class VI on 5<sup>th</sup> January, 2024.

Albert Einstein said, "I never teach my pupils, I only provide the conditions in which they can learn." The students were given the opportunity to learn about a microscope by making a bead microscope. The resource person was Mr. Dinesh Nisang who explained and guided the students in making a bead microscope with the kit that was provided for this activity.

He helped them prepare a slide with an onion peel and a drop of iodine. Then the slide was covered with a smaller piece of glass before it was placed in the bead microscope to study onion cells. The bead in the microscope, enlarged the image of the cell.

Through this activity the students became aware of the use of a microscope. They were eager to learn and were advised to study the cells of hair or a piece of thin string. It was an interesting experience for them.

Report by:

Mrs. Deepa Paul





**MR. DINESH NISANG IN ACTION...**

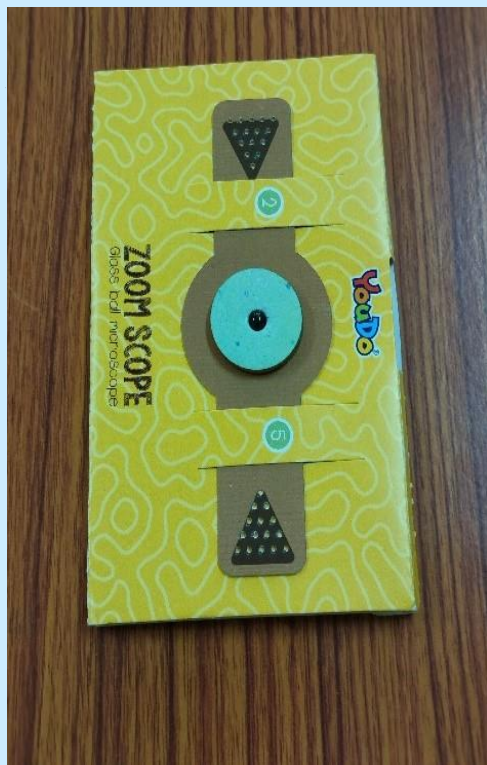


**REMOVING AN ONION PEEL**



**ADDING A DROP OF IODINE**





**THE BEAD MICROSCOPE**



**THE KIT**



**TRYING THEIR HAND AT STUDYING AN ONION CELL**

