



# MAHARAJA AGARSAIN PUBLIC SCHOOL

## a Cambridge International School

Ashok Vihar, Phase-IV, Delhi-110052

**Date: 22.04.2022**

**OBJECTIVES:** Experiential learning aims for **student achievement** in three primary goals, the ABCs of the student experience:

**Agency:** Students feel ownership of their learning process and are empowered to actively engage with their teachers and peers. They are creative and resourceful when faced with challenges in their learning.

**Belonging:** Students feel connected to the content, their classmates, their teachers, their communities and the wider world.

**Competency:** Students are able to apply their knowledge and skills to a wide array of contexts, both within the subject and to diverse future experiences.

### UNDERSTANDING PLANT REPRODUCTION THROUGH EXPERIENTIAL LEARNING

Keeping the three primary goals in mind students of Cam 8 and Cam 10 had an enriching experience with the gardener of the school, Mr. Siyaram about Plant Reproduction techniques and the effects of fertilizers on plant growth.

Learners visited the school garden where they were acquainted with plants which grow through stem cutting like rose and lemon grass, and those that grow through the layering process like Jasmine. They were shown the live plant specimens growing through a cut stem which had, by then, developed its own root system.

In the next investigation, learner could not initially believe that fertilizers actually help enhance the growth of plants, until they learnt from the gardener how to add fertilizers and in how much quantities. Further, students compared the growth of the plants with the same kind of plants in which fertilizers were not added.

Watering the plant daily, measuring the length of stem, counting the number of leaves were some of the factors observed and recorded by the students. Students could really observe the change among the two categories of plants.

It was a really great learning experience for the learners.

