



From the Year Head's Desk

Term 3 Week 4

15 July 2024

Dear Parents,

In this week's newsletter, we are featuring the interesting Science activities that the Middle Primary students have taken part in. The Primary 3 students participated in the Little Farmers programme while the Primary 4 students were involved in vertical farming and the use of Sparkle Kit during Science lessons.



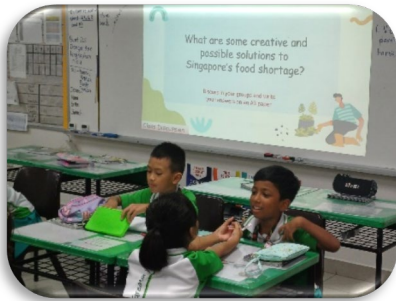
Started in 2022, the Little Farmers programme provides an opportunity for all Primary 3 students to have a first-hand experience in farming, from preparing the soil, to sowing of seeds and caring for the plants. This programme combines outdoor, experiential and collaborative learning about science and urban farming.

This year, STEM was incorporated into the programme. STEM is an educational approach that combines Science, Technology, Engineering and Mathematics to provide an all-rounded development to learners. The STEM approach challenges our students to think of possible solutions to real-world problems, such as food shortage.

This year's programme focused on the use of nutrients to increase vegetable yield. Students partook in a compost-making process to produce organic nutrients. Students were involved in a scientific investigation to prove the hypothesis that nutrients promoted plant growth.

OFFICIAL (CLOSED OFFICIAL) / SENSITIVE (NORMAL)

A*Star scientists were also engaged to partner with the school. Called the Scientist-In-School initiative, the scientists conducted a lesson with the Primary 3 students in July. They introduced the concept of hypothesis and scientific investigation through an interesting and lively experiment using yeast and sugar. The students were then guided to set up their own scientific investigations in the classroom. The students carried out their investigation by planting seeds and adding in compost. They could not wait for their vegetables to be harvested so they could enjoy their fruits of labour!



Students carrying out a discussion on food shortage in their groups.



Listening to instructions before planting began.



Planting in progress!



*The A*Star scientists demonstrating an experiment to the P3 students.*



Students were very engaged to see interesting experiments conducted by the scientists.



*The A*Star scientists together with the teacher in charge, Mdm Chan Liea Sun.*

“Sparkle”ing the Love for Science

At Concord, we provide students with numerous hands-on activities to apply science concepts to daily life and foster a love for learning. This term, our Primary 4 students are exploring Vertical Farming, enhancing their understanding of food sustainability as part of our eco-stewardship efforts.



Students harvesting vegetables grown in the vertical farm and planting new seedlings.

On another occasion, during the teaching and learning of the topic of Light and Shadow, the P4 students delved into the subject matter by making use of the SPARKLE kit. This kit contained all the tools and equipment needed for students to conduct experiments on light and shadow. This allowed students to grasp science concepts through engaging and practical experiences.



Students harvesting vegetables grown in the vertical farm and planting new seedlings.

Through these activities, may we be able to ignite a lifelong passion for Science, empowering them to discover and innovate for the future.

From the desk of:

Mrs Lau Bee Ha (Year Head, Middle Primary)

Mdm Nur Jihan Kahar (Assistant Year Head, Middle Primary)

OFFICIAL (CLOSED OFFICIAL) / SENSITIVE (NORMAL)