Applied Learning Programme (ALP)

Urban Food Warriors

Corporation Primary School



(Top) Primary 5 pupils harvesting the vegetables after allowing 7 weeks to grow in vertical farming tower (Left) Primary 3 pupils harvesting their battavia lettuce vegetable from hydropronics system (Right) Primary 5 pupils harvesting mao bai vegetables

Urban Food Warriors is the school's distinctive Applied Learning Programme (ALP) designed to address issues of sustainability. Especially apt in today's context, the pandemic has provided a timely reminder of Singapore's vulnerability in being highly dependent on other countries for our food supply. Pupils will take on the role of understanding the need to ensure and secure a supply of safe food for Singapore as well as advocating local production as one of it sustainability strategies.







What's good this semester?

Primary 3: Food Security

With the overarching goal of sustainability on Food Security, a timely visit prior to ALP was made by the primary 3 pupils to Kok Fah Farm as part of Social Studies Learning Journey. During the visit, pupils learnt about the Hydropronics system, where vegetables are grown using water technology. These urban farming methods are introduced to pupils as vital solutions to reduce Singapore's dependence on imports from other countries. Thereafter, the primary 3 pupils had an enjoyable first-hand experience back in school by planting and harvesting their own battavia lettuce. Instead of using conventional planting methods in soil, the seedlings were grown in a nutrient solution with the 'flood and drain' Hydroponics system, similar to that used in Kok Fah Farm. The crunchy and juicy vegetables harvested by pupils were enjoyed thoroughly by CPS teachers and staff! How lovely it is for CPS students to experience the joy of giving back to the community.





Primary 5: Land Scarcity

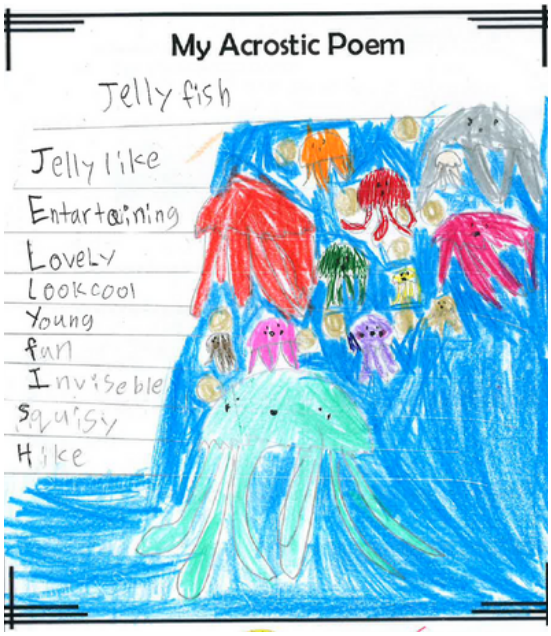
With sustainability focus on Land Scarcity, primary 5 pupils learnt about how Singapore's land space constraints necessitates the use of urban farming methods. They even got hands on with the planting and harvesting of mao bai vegetables grown using the vertical farming towers in our school. Subsequently, the fresh green harvest were thoughtfully packed and gifted by pupils themselves to the elderly residing in St Joseph's Home.



Hold up, there's more!

Primary 2: Marine Conservation

The sustainability focus for primary 2 is Marine Conservation. Pupils learnt about the importance of the sea as a source of food, explored how pollution such as trash can cause harm to the marine creatures and what pupils could do to protect them. In line with the English STELLAR unit, “Life In A Shell”, pupils also went on a learning journey to Sea Aquarium to help further emphasise the importance of conservation in protecting diversity in the ocean. Finally, pupils used their creative thinking juices to compose acrostic poems of any marine creature of their choice to spread awareness to family and friends. A sample of pupil's good artefacts in as shown on the right. More illustrations of pupils' work await below...





Partnership with CCE for Primary 5.1 & 5.3 VIA

In an in-school partnership with the CCE committee, classes 5.1 and 5.3 engaged actively with elderly from St Joseph Home during their VIA (Values-in-Action) programme. Pupils were presented with the opportunity to take on the role as facilitators in guiding and teaching our pioneers how to plant and harvest vegetables grown using the vertical farming towers in our school! Thereafter, the elderly brought their fresh harvest back home to enjoy. It was indeed a very heartening sight!

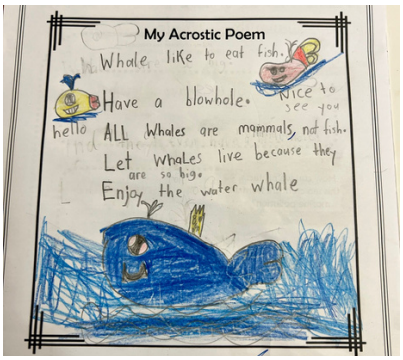
For staff: Surprise harvest from school gardens

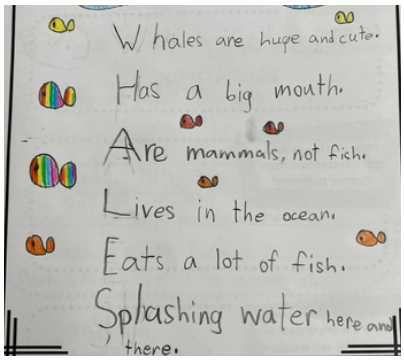
Probably the freshest you can get - all handpicked with love by our pupils or school gardener! Keep a look out at the pantry in the staffroom for all kinds of seasonal harvest - all complimentary for staff to take home and enjoy. (p.s bring your own containers!)

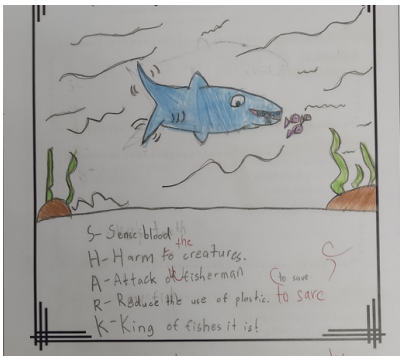


At last, the delightful Photo Galleria...

Primary 2: Marine Conservation







Primary 3: Food Security







Primary 5: Land Scarcity







Partnership with CCE for Primary 5.1 & 5.3 VIA





