Applied Learning Programme (ALP)

Urban Food Warriors

Corporation Primary School



(Top) Selected Primary 5 pupils demonstrating the harvesting process of vegetables with member of Parliament, Ms Foo Mee Har and Vice-Principal Mrs Christina Tan (Left) Primary 1 pupils planting and harvesting microgreens (Right) Primary 4 pupils engaging in the Bokashi composting process

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?

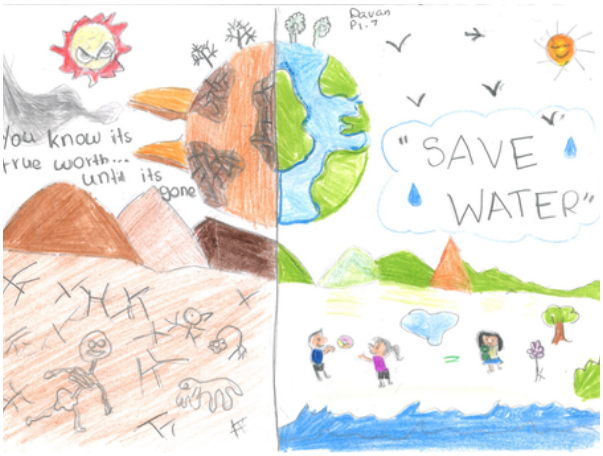
Primary 1:
Water Conservation

Water conservation is the sustainability focus for Primary 1 where pupils learn about the importance of water and ways to save this vital resource. Conducted across subject disciplines of Programme for Active Learning (PAL) and English, pupils learn that water is necessary for plants and animals to grow, which also makes up the food they eat. To learn about the value of saving water, pupils created their own home-made spray bottle using recycled materials as part of the hands-on activity during PAL. With their creations, pupils then put on the hat of an urban farmer where they were guided in growing their own microgreens. They watered the plants using their water-saving spray bottles and observed the growth of the microgreens. At the end of the programme, pupils designed beautiful posters during English lessons with an impactful tagline to educate others on ways to conserve water. Pupils had a fun time and check out their beautiful poster artefacts below!



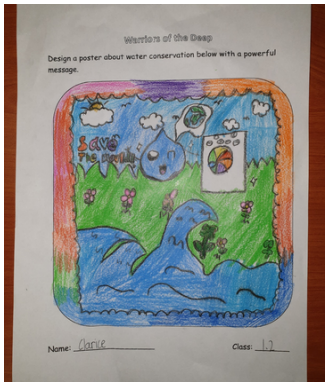










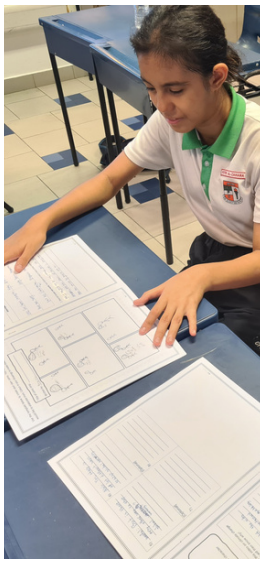


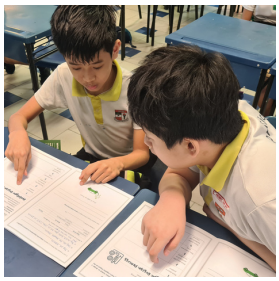


Keep going, there's more...

Primary 6:
Man's Impact on Environment

As a post-PSLE activity, the Primary 6 pupils delved deeper into the sustainability focus on man's impact on the environment. Expanding upon their science curriculum knowledge, they first crafted a comic strip to demonstrate their understanding of global warming. This was followed by the exploration of hybrid or electric vehicles (EVs) where pupils gained an understanding and appreciation for humanity's inventive efforts to address climate change through the use of clean energy. Finally, pupils were tasked to construct a prototype to address a chosen negative impact to the environment and presented their projects to their classmates.











Collaboration with Mid-Autumn Fiesta

AAt this year's Mid-Autumn Fiesta, selected Primary 5 pupils shared their learning experiences and knowledge gained from the ALP Urban Food Warriors programme to Guest-of-Honour and Member of Parliament, Ms. Foo Mee Har. Pupils also interacted with parents and members in the community, engaging them in the process of harvesting greens that were cultivated using the school's vertical farming towers. Parents and members in the community could also participate in a quiz for a chance to bring home a Microgreen box, where they could grow and harvest their own Microgreens at home as urban farmers!



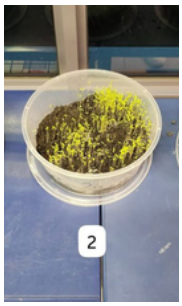


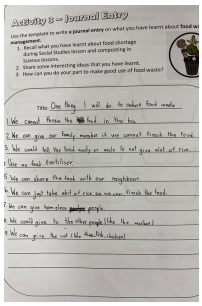


And finally...









Primary 4: Food Waste Management

Food Waste Management is the sustainability focus for Primary 4 pupils. Pupils delved into the historical context of food shortages during past wars and how it has affected the society as part of their Social Studies lessons. Following that, the significance of curbing food wastage in Singapore was further explored during Science lessons in which pupils were educated on how to repurpose food waste through composting. They applied what they had learnt through a hands-on experiment in which pupils created their own compost using different types of food waste to examine its effect on plant growth. As a reflection of their learning, pupils penned their observations and new knowledge gained in the form of a journal entry during English lesson. Selected students even had the opportunity to venture into Bokashi Composting where they presented their learning experiences at an inaugural Eco Day Event jointly organised by Corporation Primary School and Gek Poh Ville Community Centre on 22 nd May 2023.

Primary 6 End-it-Right: Agriculture Industry (ECG)

During the Post-PSLE Education and Career Guidance (ECG) programme, a group of Primary 6 pupils explored the various career options available in the agriculture urban farming industry and learnt about Singapore's 30 by 30 plan. A plan that aims to produce 30% of our nutritional needs through locally grown fresh produce by 2030. During the four days, pupils studied about the pivotal role of urban farming in a limited land space to build a more resilient food future. Mr Rayson, our resident gardener delivered a brief presentation on caring for fruit trees using traditional methods at school. Pupils then embarked on a tour around the school, discovering various types of fruits and vegetables cultivated in different mediums. They also had firsthand experience of harvesting lettuce from our own Aquaponics Farm to the school canteen to make their own sandwiches. Pupils marvelled at the freshness of the lettuces as they took a bite of their sandwiches! Truly, an enjoyable learning experience from farm to table indeed!





