

Direct School Admission 2023

Applied Learning Programme – Environmental Sustainability

Science for Sustainable Development



Sec 1 students doing Field Studies along Alexandra Canal



Sec 1 students carrying out sand filtration in the Science Laboratory



Sec 3 students attending an Advanced Elective Module in Nanyang Polytechnic



Sec 3 students attending a Plant Visit at The Polyolefin Company (TPC)

Our school's Applied Learning Programme (ALP) is on Cultivating Minds for the Future based on the theme of **Sustainability**. We adopt an **interdisciplinary approach** driven mainly by **Geography** and **Science**. In this ALP, we aim to solve real-world geographical challenges through a scientific lens.

Our school's ALP adopts a **thematic approach**, where students explore three global geographical issues related to sustainability over three years, namely:

Sec 1: Water Sustainability

Sec 2: Urban and Energy Sustainability

Sec 3: Food Sustainability



Our students carrying out their water investigation



ALP Field Studies to Hong Kong (Pre-covid)

These three themes, which are aligned with the Singapore Green Plan 2030, are critical for Singapore's continued development. We leverage current and relevant learning content to design engaging packages that help our students apply their knowledge of Geography and Science to solve a real-world issue.

We welcome students who are passionate about **environmental advocacy** to apply for the DSA Exercise. Interested students should be keen to adopt an interdisciplinary approach in solving geographical issues.

Successful applicants will have the privilege of participating in the school's DSA Talent Development Programme which will include progressive exposure to issues related to the environment and sustainability. They will take on the role of **ALP Ambassadors**, undertaking projects that advocate for environmental sustainability at the upper secondary level. In the process, students will also acquire effective communication and presentation skills as they build their confidence to advocate for a good cause in their area of passion.