

Team name: KLASS Eco Warriors

Project title: Waste Management at Alice Smith School

Team members and responsibilities: (We were unable to get pictures of our team as our school was closed due to COVID-19)

Keshav Prashant Rao - Team Leader

Zhi Yan Lee - Promotion, information and raising awareness

Michele Ng Jia Hui - Design

Aim of project:

We wanted to tackle the issue of waste, in our school. We want to try to change how single use plastics (plastic cups/plastic bottles) are used within our school by eliminating their use where possible such as disposable coffee cups. We hoped our initiatives will benefit both the faculty and the student body at least, as these habits lead to becoming responsible and sustainable citizens.

We also wanted to improve our waste management system at school; although we have recycling bins, the system is flawed and needs revamping. Some of the issues we encountered with waste management at our school included:

- Recycling bin designs and colours were different in different locations
- Paper and Aluminium combined in one bin
- A bin for glass which is rarely used on campus (there already were special bins for glass in all science labs)
- Few teachers collecting waste paper that could be reused
- The use of disposable coffee cups by sixth formers and teachers

Sustainable development goals this project addresses:

- Goal 4: Quality Education
- Goal 11: Sustainable Cities and Communities
- Goal 12: Responsible Consumption and Production
- Goal 13: Climate Action
- Goal 14: Life below water
- Goal 15: Life on Land
- Goal 17: Partnership to achieve goal

The first stage of our project involved setting up a meeting with our vice principal Mr Lazaro and the head of maintenance Mr Kumar to inform them of the issues we had observed with recycling at school and the changes we wanted to implement. We also informed them of our next steps to achieve our goals. We were pleased that they were extremely cooperative and willing to make changes. During this meeting Mr Kumar agreed to use a spreadsheet we designed to keep track of the waste that is collected in school. We also got a tour of the school's recycling facilities to find out more about where, when and how materials were recycled and what waste was most common. This confirmed the need for separate plastic

