

推行「可持續發展」教育之學校示例

School: St. Paul's Convent School
 Teacher in-charge : Ms. Carmen Cheng

Project	environmental-friendly teaching and learning atmosphere
Target Participants	All members of the school, including staff, students, and parents.
Subject involved	Most of the subjects, in particular Biology, Chemistry, Chinese and English Languages, Geography, Integrated Sciences, Integrated Humanities, and Creative Media.
Collaborators	Various subject disciplines, green clubs (e.g. the Horticulture Club, the Conservancy Club, the English Club, etc.), and the Prefect's Board Environmental Unit.

Goals and Objectives

Our school aims to create and maintain an environmental-friendly teaching and learning atmosphere for all members of the school, and to enhance students and staff's awareness and understanding of the importance of the environment. These goals will be realized through continuous improvement and greening management of the school grounds, environmental education across curriculum, and evaluation of the effectiveness of the school's environmental implementation plan.


The three major areas that we focus on in particular are:

- greening of the environment
- energy conservation
- sustainable development

Activities

The following are some of the activities that we had participated in/organized in order to achieve the above mentioned goal. These activities are especially designed to enhance students' understanding of the importance of sustainable development:

- 1) Reusable plastic bowls, spoons, and chopsticks are provided by the school's Tuck Shop instead of disposable lunch boxes and spoons. This helps to cut down on the amount of wastes produced.
- 2) Leftover food is collected and composted at the Convent to reduce the amount of solid wastes and to recycle useful materials.
- 3) Environmental Ambassadors are elected from each class. Their main duties are to inspect the cleanliness of the campus and to ensure recyclable wastes are put into the appropriate recycling bins. We also participate in the Recyclable Collection Services for Schools in the Eastern District.
- 4) In order to encourage students to reduce wastes by recycling iron moon cake boxes, counters were set up to collect the boxes during the period of the Mid-Autumn Festival.
- 5) Each class was asked to design a recycling box for collecting used paper in their classroom. The class with the best design was awarded for their effort.
- 6) One of the highlights of the year is the SPCS Environmental Week. Various activities were conducted during Form Period throughout the entire week. Such activities included: showing of video on environmental conservation, quizzes on environmental issues, discussions of environmental topics between form teacher and students, a run-through of the "Green Corner" on the school's website by the class's Environmental Monitress, etc.



7) Participation in numerous activities organized by various Green Groups, such as the Hong Kong Green School Award Competition, the Energy Efficiency Award Competition, the “No Plastic Bags Campaign”, the Ocean Park Conservation Award Scheme, the “Keep Hong Kong Clean Campaign” during the National Day Celebration, the Hong Kong Environmental Protection Festival Launching Ceremony,

8) To actively promote energy conservation, stickers and thermometers produced by the EMSD were distributed and displayed in each classroom.

9) Solar panels are found on the rooftop of the new SIP building to generate energy to run the waterfall in the lobby. These panels can also serve as teaching materials for students to learn about renewable energy.

10) An Environmental Room was established for displaying students’ projects, teaching resources, etc.

11) Each year, the Conservancy Club organizes the “Keep Classroom Clean Campaign”, in order to enhance students’ awareness and their sense of responsibility in keeping their classrooms clean and tidy.

12) A survey concerning students’ awareness in environmental education, cleaning and greening of the school campus, and their green living was conducted by all students online. The collected data was then analyzed.

13) Numerous outings were organized by our different green groups. Such outings include: visit to the Produce Green Foundation, trip to view Chinese white dolphins, visit to Tai O, etc.

14) Our students also participated in a lot of community services for different green groups, such as selling raffle tickets for the Produce Green Foundation, Charity Plant Sale for the Community Chest, etc.

15) Each year, the Horticulture Team organizes the Interclass Plant Growing Competition. Seedlings are distributed to the students, and at the end of the competition their plants will be judged by the teachers.


16) We regularly invite representatives from different organizations, such as the EPD and EMSD, to come to the school and give talks to our students.

17) We aim to involve as many subject disciplines as possible. For example, our English teachers tend to incorporate the theme of environmental conservation in their teaching. They also encourage the students to participate in writing competitions, such as the Environmental Essay Competition organized by the Lions International Youth Exchange Scholarship Organizing Committee, the Composition Contest of the Youth, various slogan writing competitions, etc.

18) We are a participant of the Wan Chai District Hygiene Team, in which Environmental Ambassadors from each class are responsible for checking the cleanliness of the different areas near our school.

19) The Conservancy Club and Horticulture Club offer courses and competitions every month for student members of the school, such as Recycled Paper Making Course, Flower Show Photo-taking Competition, Leaf Bookmark Making Course, Green Bookmark Design Competition, Daffodil Bulb Cutting Course, Mother’s Day Flowers Sale, etc.

20) Our school participated in the No Air-Conditioning Day on June 1. Air conditioners in all rooms were switched off for the whole day to help reduce the use of energy.



21) One of our students, Vincia So, was one of the 20 students selected to participate in the environmental study visit to Xin Jiang, organized by ECC. Her selection was based on a report submitted and outstanding performance in 2 rounds of interviews. When she came back from her visit, she then constructed a bulletin board displaying her photos from the trip.

22) Recently, an Environmental Education Pavilion was set up in the school's lobby. From the beautiful flowerbeds specially decorated by student representatives, to the huge array of environmental resources available, the Pavilion is an ideal place for students to sit, relax, and learn about environmental.

23) Students also learn about current environmental issues through active participation in projects in various subject disciplines. Topics include pollution, renewable energy, sustainable development, etc. We also borrowed some models from EMSD, such as a model of the Central District Cooling System, some models of solar panels, etc. in order to provide students with a more interesting learning environment.

Cross-curricular Subjects Collaboration

Each subject discipline provides its own teaching materials regarding the teaching of sustainable development. However, in many cases these materials can be shared between 2 or more subject matters. For example, the English Club, the Drama Club, and the Conservancy Club had jointly organized an Advertisement Design Competition. Students were asked to design a 1 minute Ad to promote the idea of sustainable development. This activity not only relates to the topic of environmental conservation, but it also helps to develop students' language skills, communication skills, cooperation skills, etc.

Difficulties

In general, we feel that we have been quite successful in promoting the idea of Green School to all staff and students. On the whole, we feel that our students have a good understanding of various environmental issues, and they also have the correct attitude towards environmental conservation. However, more can be done to encourage them to bring forth some actions, and most importantly, to apply what they have learned at school to their daily life. In particular, we wish to extend our work beyond the school and into the community. We plan to involve other members of the community, including the parents of our students, and students from other schools, on a more regular basis in the future, so that they can learn more about environmental protection also.

Follow-up works

We found that evaluation is extremely important. Our school wishes to carry out an evaluation of our implementation plan on a more regular basis, so that improvement can be made as soon as possible. We understand that environmental education is a life-long process. Thus far, we have successfully aroused our staff and students' awareness of the importance of environmental conservation, and have passed on to them an abundant amount of knowledge regarding this area. In the near future, we wish to ascend to the next level, in which we will concentrate on encouraging staff and students to apply their knowledge into making a difference in the community. Expectantly, environmental conservation will become an important part of life for all members of the school.

Achievement

We feel that students have a much understanding of the term "sustainable development" now. Before, a lot of them do not even know what this term means, but now most of them can accurately define it. However, as mentioned earlier, we wish that they will be able to apply their knowledge, and really help to make a difference in the community. Even though they all have the right attitude, we would want them to have the right actions also.

Link

For additional information or photos, please visit our school website www.spcs.edu.hk, and click on the Green Corner icon.

