



St. Paul's College
Green Club

UNESCO ESD Programme Report

Team: St. Paul's College EN 09

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Project Website: <http://spcgc8.wix.com/spcgc#!unesco/c1o4p>

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1 Introduction

Environmental preservation and protection has become one of the most important global concerns recently. As a global citizen, we should take up the obligation of building up a sustainable city so as to meet the needs of the present without compromising the ability of future generations to meet their own needs.

This programme provided us life changing experiences and had thought us to study sustainable development in different perspectives. A sustainable development should balance economic development, as well as taking care of the environment and the society.

Our college as a UN DESD Project Hong Kong School, we are delighted to be one of the 8 student representatives from Form 3 and 4 participating in the Education for Sustainable Development (ESD) Programme.

As the oldest school established in Hong Kong, St. Paul's College has been caring for the society since its establishment. Last year was our school's 160th Anniversary celebration year, it has continued its tradition to care the society in various aspect. The 160th Anniversary Community Awareness Project to Guangxi serving the underprivileged child there. Besides, our school has always been caring the environment. Amidst the hustle and bustle of St. Paul's College in which it is located, it still enjoys a certain degree of serenity completely uncharacteristic of this hectic district. It is rich with elegant historical buildings and landmarks such as the University of Hong Kong and the Sun Yat Sun Memorial Park. The extension of western MRT line and the district redevelopment may somehow heighten our green problems.

Last year, a group of Form 3 students set up green club in order to inculcate Green awareness among fellow school mate, and to develop a stronger awareness of ecology, daily life environment and sustainable development in students. We organized our core project called, "Plant your Plant". With no doubt, our project has a substantial reach to all and it also instill in the participant a lasting impact and educational value. For more information, please visit <http://spcpyp.shutterfly.com/>

We strongly believe that there is always room for improvement, therefore, our teacher suggest us to join the UNESCO ESD programme in order to enrich our experience in this aspect.

After a number of lectures and seminars as well as site visits, we were inspired to promote sustainable development, low carbon lifestyle with different methods in conjunction with our club member's participation.

Coincides with the United Nations International Year of Water Cooperation, we would like to raise awareness of our school mates, on the challenges facing water management in light of the increase in demand for water access.

Organic Farming, low carbon life styles are well-known lexis among environmental warriors and supporters. Last year, our club organized the first-ever Eco Tour in Tuen Mun, featuring organic farming and low carbon life styles. It was well-received by our school mates, we will continue the tradition of our club this year. Details will be further elaborate in the following pages.

As to help make our school a green campus, we had suggested our school to include energy monitoring, water consumption and waste recycling etc. Our efforts had paid off, our school has implemented two sets of recycling bins and higher energy efficient LED T8 tube in every class room etc. This year we go further beyond, we are going to propose our school to implement green roof top or a green farming area above our academic block. Details will be discussed in the following pages as well.

Sustainable development does not only care about the environment, we also care about our community and our society. In the coming April, we are going to hold a Hunger Banquet with Good Hope School, Ying Wah College. Hunger is derived from unfairness. Having enough food to eat is a basic human right that everyone should have!

In fact, the global food production is enough to get everyone on earth fed. However, the world has more than 1 billion people suffer from hunger; One in every four children, there is one of them being underweight; Every five seconds a child dies of hunger or related diseases. The World Health Organization estimates that one-third of the world is well-fed, one-third is under-fed one-third is starving. Hong Kong is renowned as the culinary capital of Asia. We can enjoy the food around the globe easily. But the fact is, more than 2.5 billion farmers who provide us food are gaining less than a US\$1 a day. We believe through activity, it will instill in the participant a lasting impact and educational value.

In the following pages, we will showcase all our activity aforementioned and its connection with sustainable development in different perspective.

2 Activity Details- Charity Walk (Caring for the Society)

As mentioned, environment and our society are closely related. Water is the most important resources on earth. It is estimated that over a billion people in the world is lack of safe drinking water. In China alone, some 200 million people still struggle daily to get safe drinking water. Poverty and water-borne diseases are disproportionately affecting the young and leading to high rates of child mortality in China.

Coincides with the United Nations International Year of Water Cooperation, we are going to send 9 representatives join the meaningful event, and would like to raise awareness of our school mates, on the challenges facing water management in light of the increase in demand for water access.

In support of the World Water Day (WWD) initiated by the United Nations Conference on Environment and Development (UNCED), we have been participated “the Walk for Living Water” since 2012. All donations are made by Hong Kong Disneyland Resort.



3 Activity Details-

(Environment and Economic)

Water is essential to life and human and economic development. However, water resources on the planet are limited, and unevenly distributed in time and space.

Demands for water are increasing in order to satisfy the needs of a growing world population, now at over seven billion people, for food production, energy, industrial and domestic uses. Additional pressure related to rapid urbanization, pollution and climate change also threatens the resource.

As far as we know, UNESCO is responsible for coordinating the event this year. As one of a UN DESD Project Hong Kong School, we have the obligation to promote water conversation in our college. Our vice group leader take the initiative to propose event and activity for promoting this theme in our college. He suggested that joining the photography competition organized by UN water, address water cooperation in our classroom using the official brochure, and cooperate with the Geography society in order to let our school mate understand hydrological processes at a regional or global scale. Moreover, he suggested organizing a parent evening so as to them share their view upon the issue. Last but not least, a clean the beach activity will be launched.

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4 Activity Details- Eco Tour & Green Week (Environment)

Eco Tour 2012

Last year, our club organized the first-ever Eco Tour in Tuen Mun, featuring organic farming and low carbon life styles. It was well- received by our school mates. 30 elite students were elected to participate in the Tour. In the morning of 29 March 2012, we visited the Eco Park Visitor Centre. The centre showcased how Hong Kong landfills work and emphasize the importance of recycling. There we watched a documentary about Hong Kong's waste management and its landfills. Moreover, there was a 1:1 landfill model which amazed most of our students.

<i>Time</i>	<i>Activities</i>
0800	<i>Roll Call at St. Paul's College</i>
0845-0945	<i>Coach Transfer to Eco Park in Tuen Mun</i>
09:45- 10:15	<i>Eco Park Visitor Centre</i>
10:30- 11:45	<i>Yan Oi Tong Plastic Resources Recycling Centre.</i>
1200-1215	<i>Coach Transfer to Lunch</i>
1215-1330	<i>Low carbon Lunch</i>
1335-1500	<i>Eco Tour by 新生精神康復會 Organic Farming Paper Making</i>
1500-1630	<i>Coach Transfer to Central</i>

We paid a visit to the ***Yan Oi Tong Plastic Resources Recycling Centre***. Our guide, Mr. Ng, introduced us different kinds of plastic and how it can be dissolved and transform into other uses. The factory was amazing where they transform plastic bottles that had been collected from public housing estate.

In the afternoon, we travelled to New Life Farm, a social enterprise, which located next to the Castle Peak Hospital. There we had a ***low-carbon and organic*** lunch, it was a brand-new experience for most of our students. There we learnt ***organic farming skills*** and ***renewable paper making***. It was such a once in a life time experience for our students.

The objective of Eco tour is to promote sustainable living to our students. We let our students to learn the importance of waste reduction at source by visiting recycling centre and studying waste management in Hong Kong. We participated in the organic workshops and try organic meal in New Life Farm as we would like our student to break the stereotype of green life equals boring. Unexpectedly, they had a great time there.

On the other hand, the tour is also aims to raise the awareness of students on environmental protection, as Hong Kong students usually pay a little attention on that. Thus, we would like to influence these 30 students and let them enjoy the precious gift from the nature, and most importantly, share the green message with their friends.

Eco Tour 2013

The tour in 2012 was well received, and gained positive feedbacks from other teachers. More schoolmates got interested in our club's activities since then. We are going to continue this tradition to organize Eco tour this year (2013).



The tour this year we are going to have a three-day tour with approximately 90 students. They will be staying at a camp site overnight. The theme of the tour will be green live-style in Hong Kong. The tour will be held in late June this year. The details of the tour are planned as follow.

First day	Second day	Third Day
Students assemble at school	Breakfast	Breakfast
Coach transfer	Visit Waste Food Recycle Factory in Fanling	Visit Eco Park.
Introduction and games on coaches.	Lunch	Visit landfills entrepreneurs and visitors centre.
Hoi Ha Wan Marine Park	Visit markets and purchase food.	Lunch at New Life Farm.
Lunch at Sha Tin.	Low-carbon and Organic dinner cooking competition	Organic Farming Experience in New Life Farm
Visit Sha Tin Sewage Treatment Plant		Take coaches back to Hong Kong Island and dismiss at Central Pier.
Arrive at camp site in Tai Po or Fanling.		
Participant form groups.		

As to enhance our students' environmental awareness, we will visit Hoi Ha Wan Marine Park, Sha Tin Sewage Treatment Plants, Eco Park and New Life Farm . Through visiting these spots, students can experience a green Hong Kong in multi-perspective.

We will visit various social enterprises and entrepreneurs which are related to environmental protection. As to show our students how environmental protection and the society are closely related.

There will be an organic dinner cooking competition held in the evening of the second day. Judges will test the participants' dishes in different aspect such as environmental friendly, appearance of dishes, taste and health. This is not just only a competition of applying green living in daily life, but also a challenge on the participants' kitchen knowledge and cooking skills. Besides the fruitful activities, we would invite the green club chairman to have a sharing of green living. Also, a low carbon emission competition would be carried out at the camp site. Participants are required to turn off electronic appliances which are not in use. Air conditioner may be turned off too, if the participants are willing to do so. We wish our students can learn to cherish what they are having in their plentiful daily lives.

Green Week 2013

In order to promote green message extensively in our college, Eco tour is simply not adequate. Consequently, an innovative idea came up since we have joined the UNESCO ESD programme.

Green Week offers a variety of activities so as to inoculate green awareness among students and put them into practice. Initially, there will be exhibitions, display boards and book fair by various organizations. Students can get reach of the newest information there. Simultaneously, planting workshops, treasure hunt, quizzes and debate competitions will be organized. Study visits will be arranged after school. Above and beyond, we will invite different celebrities to hold lectures and forums, students can study green living with first hand data and meet specialists face to face.

A film appreciation section has already been held right after the mid-year examination. The theme of the event was to analyse the relationship between human and the environment. We hope those students who came were not only for fun, correspondingly to learn something new. So, there was a little quiz set based on the content of the film.

5 Activity Details- Building a Green Campus (Society and Environment)

Last year, one of our members represented our school to participate a Youth Summit in Walt Disney World, Florida, Orlando. Since then we are now working closely with Roots & Shoots programme. They have an organic farming at schools program which they will provide planting skills to students of the school and set up an organic farm in the school together with the students. We have evolved from making change to nature into making change to community, we hope to set up the farms in our college and schools for ethnic minority, special needs, new arrivals and low-income, so as to help spreading the message of social inclusion through the farming activity. This project will be held in late June 2013.

6 Activity Details-Hunger Banquet (Society)

Why the people who provide us food don't have enough to eat?

As a global citizen, we may all know that natural disasters and climate change, war and conflict, poverty and unequal distribution of resources will lead to hunger.

However we should think that: Am I involved to destroy our environment which led to hunger?

The theme of the banquet is low carbon, therefore, this time Green Club aims at bring out the message of low carbon and climate change will affect the hunger of the poor in the banquet

Green Club believes that hunger caused by poverty and poverty is caused by injustice. We are convinced that everyone on the planet are interdependent, and if everyone is concerned about the problem of hunger, and take action.

Unfairness can be changed!

Project objectives

1. *Let the student to understand how climate change affects poor people's food production (Agriculture, Fisheries and Livestock)*
2. *Discover how climate change affects the livelihoods of the poor and the wealth.*
3. *Let the student know that how the poor people carry out measures as to cope with the problem brought by climate change.*
4. *To let students know that, everything they do to in their daily life could give positive or negative impact to the poor.*
5. *Let the student get to know what a low carbon lifestyle and low carbon meal is.*



Target group

F.1-5 students (Voluntary Participant)

Number of participants

Maximum number of participants: 80

Duration and Date of the activity

20th April, 2013.

Perpetration: 11:30 a.m.

12:00 a.m. to 3:00 p.m.

Activity Rundown

Duration (Approx.)	Activity details
20 mins	Activity Introduction (PowerPoint Slides) -What are we going to do? -Introducing themes of the banquet
	Counting their own carbon footprint - Participants need to fill in a form of question, then we will provide with a calculate method at the end. - By the end of this section, participant needs to hand in their form and we will accumulate the carbon footprint from all the participants and show up on the screen.
	Draw lots to group the participants into different nations: Hong Kong/China/Brazil/Congo/Ethiopia
30 mins	Role Play -participants are required to play a game according to the drawn

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	<p>nation.</p> <p>Hong Kong: Counting 10 cents</p> <p>China: Pick rice from Beans</p> <p>Brazil: Pick rice from Beans</p> <p>Congo: Throwing</p> <p>Ethiopia: Pass water from one side to another side with bare foot</p> <p>-During the game, the Master of Ceremony will announce any natural disaster for different nations.</p> <p>After the natural disaster, participants will lose all their crops or products. This will lead to their final score which they will be using the score for exchanging food.</p> <p>-After the game, every participant will be given marks which represent their money. If they earn more, they can have more for their lunch.</p> <p>For instance: A bowl of rice will cost 500 marks</p>
30 mins	<p>Hunger Banquet</p> <p>During the meal, we will play some video about Climate Change and Global Warming.</p> <p>Master of Ceremony will bring out a question to the participants whether climate change will affect the livelihoods of people in different nations? Does it only affect the poor? Participants can share their opinion with their experience from the previous game.</p> <p>Teacher sharing: we will invite one or two teachers to come and share their opinion about the participants and their thoughts about the poverty and hunger problems.</p>
15 mins	<p>Debriefing and conclusion</p> <p>-The following questions will be asked to the participants:</p> <p>To what extent you agree with the climate change affect the livelihood of the poor? Do you think it also affect the rich?</p> <p>Don't you think that the poor should be the one who being most affected by the climate change?</p> <p>Should you take up the responsibility to stand together and change the world starting from yourself?</p>

Foods and Beverages

Hong Kong	China	Brazil	Congo	Ethiopia
Fried Rice & Apple	Rice	Corn	Banana OR Apple	Bubble Biscuits
Water				

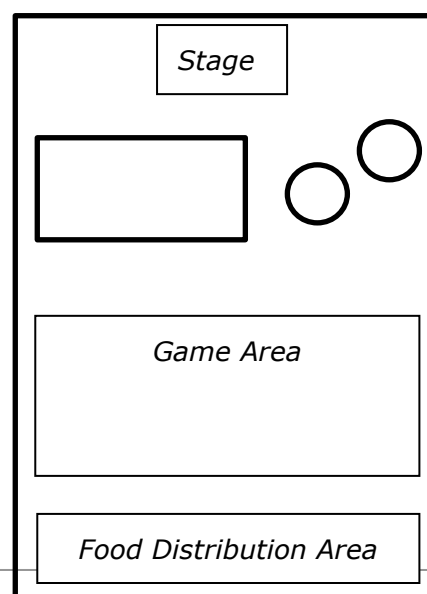
Activity Budget

Items	Cost
Foods and Beverages	
Banana	\$2.9/ lb \$6.39/Kg
Bubble Biscuits 360g	\$20
Fried Rice (10 plates)	\$330
Rice (10 bowls)	\$70 (\$7 each)
Apple (24 pcs)	\$60
Cooked Corn	\$90 (\$9 each)
Rice (Game) 1Kg	\$24
Mixed peas(Game) 1Kg	\$26
Tableware	Bring by their own \$0
Promotion (Poster)	\$2 @ Total \$36
Stationary and Printing	\$150
Souvenirs	\$0
Decorations	\$0
Venues and facilities rental	\$0

Venue

SPC School Hall (4/F) / YWC School Hall

Eating Area
-Only China and Hong Kong participant can have a table seat



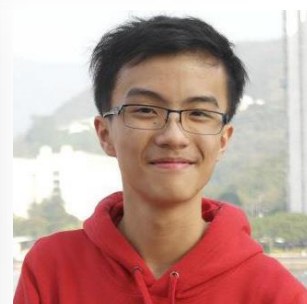
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Jonathan Chan
Group Leader

I think the most interesting thing was joining the tree management workshop. I have learnt more about tree health. Although I am still miles away from being a tree doctor, I know how to distinguish whether a tree is healthy or sick. Trees are essential to human and the whole ecology system, so it is important for us to care more about our environment.

As the vice group leader of the group, I ventured to set the topic of this project and assist my group leader in any kind. This project can let truly experience the spirit of St. Paul's. We work accordingly, and all of us are responsible. I cherish every moment that I can work with them. Hope we can work together in our Green Club. There is always room for improvement. This programme enhance my Environmental protection knowledge, which help me to promote sustainable development through our club in the future. Thanks UNESCO Hong Kong and my college for providing me such an once in a life time experience.



Ludovic Chan
Vice group leader



Michael Pang

17.02.2019

Throughout the program, I have a chance to discover different things, techniques on how to protect, appreciate, and be more alert to things beside us, and to design things that are environmental friendly, which are sustainable development. Before, I think that environmental aspect is the hardest job among the three perspectives of sustainable development, but now I have changed my mind after attending this program. In addition, in the program, I learn to listen to others, accept others' opinion. Moreover, I know that team spirit is the most important element, factor in our way to success. I will use things learnt in this program afterwards, and this definitely benefit me a lot.

The key to obtain a sustainable developed city is to live a green, or in other words, environmentally friendly life. Despite the presence of sustainable redevelopments, preservations, reuses or renewals, the world is still suffering from pollutions, deforestations and global warming. The lectures and workshops held by the UNESCO definitely shows the importance of maintaining a green world. Through this program, I have learnt to work as a group with certain leadership skills. Communication is definitely imperative, and it is what it takes to succeed.



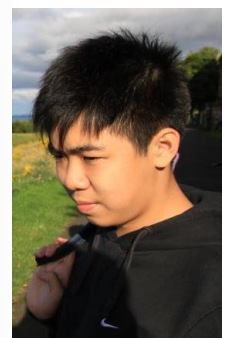
Liam Yuen



Eugene Leung

Extreme catastrophes, hurricane and typhoon are becoming stronger and stronger; they took turns to damage and destroy all over the world in the recent years. Lives and properties were lost on such a shocking scale and will be years to come. However, have we ever thought of why the above mention cause in such an unimaginable stage? In circumstances, we are indirectly destroying our homeland, for instance, excess carbon emissions and over dredging of fossils have led to impairment to the nature; therefore, environment preservation has become one of the most important global concerns. Therefore, in order to raise by own concerns in protecting and saving the environment, I managed to participate in the competition held by the UNESCO . By jointing this competition, I can have the opportunity to listen to varies of talks and even field trips. I have to say, it is meaningful and evocative. It is a pleasure for me to join this competition; it can undoubtedly raise my own sense of protecting the environment as well as the nature. Moreover, we can learn how to unite and to cooperate, to unite and to contribute. We are all looking forward that the project can further broaden our horizon as well as bonding our friendship.

In this project, I have participated in different activities; the one that I love most is the organic farming. The tutor teaches us how to make tools which are environmental friendly to support faming. I have a lot of fun in it, and I am benefited from it a lot. Throughout the project, I have learnt various things about environmental protection, design, and the relationship between sustainable developments, let me to think about my duty to the present Earth. Furthermore, in the project, in the discussion with my group mates, I discover that the communication skill is very important when working together, and this is a really good experience.



Lukas Fok



Gene Ho

In the program, I have learnt various things about the environment, and how it affects the future generation. Also, I have learned to design tool which is useful, and environmental friendly. Moreover, I understand the relationship of sustainable development and our daily life. When doing the proposal, our group mates work together, investigate together, although we sometimes encounter some trouble, but we always solve the problem by various discussion. Thus, I know the importance of the good communication skills, and it helps us towards success.

This program impressed me a lot on the sustainable development in the surrounding environment. There were a lot of pollution problems, including the waste, air and water pollution. As Environmental Protection and Green Living are the focuses of the new decade, I can learn the important factors from the UNESCO project which enhanced my knowledge in making a healthy and organic living environment, and to be creative in designing a clean and green world. In this program, I have learnt that team cooperation is very important in every project. If we didn't cooperate and communicate well, the whole project would not be such successful.



Bosco Yu

6 Conclusion

Sustainable development has been a global concern for these decades. Environmental Issues somehow heighten our green awareness. St. Paul's College Green Club provides us a media in promoting sustainable development among students. The ESD programme enriches our committee member with life changing experience. We would like to send our sincere gratitude to UNESCO Hong Kong and our college supporting us in any kind.

Green Club will strive its best to promote sustainable development. "This is one small step for a man, one giant leap for mankind." said Neil Armstrong. Our club is making changes on earth every day, even though it is just a small step forward, it had been a great leap forward in the everyday changing world. We strongly believe that we can change the world with our effort.

We have evolved from making change to nature into making change to community, we hope to set up the farms in our college and schools for ethnic minority, special needs, new arrivals and low-income, so as to help spreading the message of social inclusion through the farming activity.

As you may refer to the above pages, our events are closely related to sustainable development. No matter in the aspect of environment, society or the economic. We strive our very best to connect all the event with one theme and the only theme, ***Design for the Environment, Nature within the sustainable city.***

A site has been established for the project, please visit

<http://spcgc8.wix.com/spcgc#!unesco/c1o4p>