



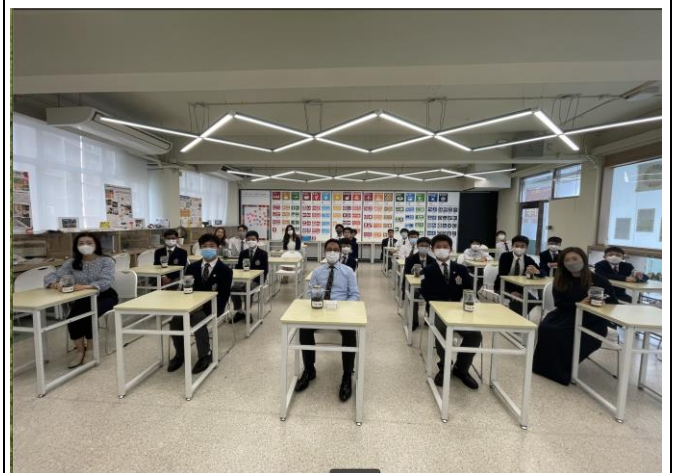
# St. Paul's College (SPC) Nurturing Students To Participate And Lead In Sustainable Development



ASSEMBLY



STUDENT LED WORKSHOP



SUSTAINABILITY WEEK

## Pioneer School in Hong Kong for Education of Sustainable Development (ESD)

### ESD Wheel of SPC



### Net-Zero School SDG Teacher and Student Training by UNESCO (UN SDG Certified Teachers + SDG Student Ambassadors)

- \* Four teachers had completed "UNSDGs Certified Teacher Training" in October 2022
- \* We have integrated UNSDGs into SPC curriculum
- \* SPC is a member school in the UNESCO ESD Schools Network, and will become a member school of UNESCO ESD Experimental Schools in the future





# SUSTAINABILITY IN SPC



## **SDG ACTION AND AWARENESS WEEK AS INSPIRED BY ALUMNI-FACILITATED LECTURE SERIES: YOUTH ACTIONS FOR A SUSTAINABLE FUTURE**

### ***WE HAVE FIVE MAIN FOCUSES IN 2022 - 23:***

#### **1. Energy conservation**

To promote energy conservation, students conducted an energy saving competition by installing electro-meter in classrooms, as a way to demonstrate a simple change in behavior and habits to consume less energy in our daily activities.

#### **2. Waste management (4R Strategies)**

To raise awareness of waste separation, prevention and promote reuse ideas, students conducted an activity about waste separation and turn waste into useful products (orange cleanser)



#### **3. Greening**

To learn to share and keep everything in balance for showing how an ecosystem works, students conducted a terrarium workshop in order to demonstrate how life on our planet sustains itself. We would like to send an important message to everyone – all living things have the same resources, we have to promote sustainability, which beneficial to all life on earth.

#### **4. Peace and ethnic friendly campus**

To foster inclusion and awareness among different cultures, we joined “Racially Friendly Campus Recognition Scheme” organized by Equal Opportunities Commission this year, we conducted some cultural workshops, like Golden Tea Latte, Henna Drawing and Kahoot Quiz. Through different activities, we would like to create multicultural awareness and inclusion, in order to encourage acceptance and help students to prepare themselves to thrive in the future.



#### **5. Plastic-free campus**

To encourage SPC community to work together to go ‘plastic-free’ and build a sustainable green campus by reducing the use of plastic disposables, we are going to join the ‘Plastic-free Campus’ campaign during May to July in 2023, organized by Environment and Ecology Bureau.



## SOLAR HARVEST

70 panels were installed on the rooftop of the new classroom block and fully funded by the “Solar Harvest” scheme, a Government programme promoting the development of local renewable energy. The College also joined the Feed-in Tariff (FiTT) Scheme to generate 18,000kWh of electricity a year.

(聖保羅書院是環境及生態局「綠色校園 2.0」和「採電學社」的優秀示範學校)

## AWARDS RECEIVED

- 2010-2020 Sustainable Development School Award by Council for Sustainable Development
- 2020-2022 Sustainable Development Community Award by Council for Sustainable Development
- 2021-2022 UNESCO Peace School
- 2022-2023 Racially Friendly Campus Recognition



## WAY FORWARD

- **Green wall and Herb Farm**  
Green wall and herb farm, described as vertical gardens that encompass plants, a growing mechanism and a watering system, provide teachers with a new way to integrate STEAM principles into the curriculum. The benefits of green wall and herb farm don't end at increased learning opportunities. The most important component of vertical garden is the change plant life has on the mind and body. Because stress levels often run high in schools, greenery at campus that decrease carbon dioxide in the campus naturally act as a catalyst to reduce stress and anxiety.
- **Plastic Free Campus**  
Promote Plastic-free Campus, no disposable plastic straws and BYOU (Bring Your Own Utensils)
- **Mobile phone chargers powered by fitness bikes**  
SPC SDG ambassadors are going to fill three stationary bikes that power gadgets and a Wi-Fi connection as you pedal. It takes about 30 minutes of easy pedalling to charge an iPhone, the same amount of time it would take while plugged into the wall.
- **Carbon audit (on top of the one offered by UNESCO)**  
Conducting carbon audit is a common first step of action. It helps assess the carbon performance and identify room for emission reduction in an organisation. It is a cornerstone for saving energy as well as taking forward other low carbon and green measures.



# SUSTAINABILITY IN SPC



## Acknowledgements

### Consultants

Mr Yuen Dick Yan, Dennis (Principal)  
 Mr Wong Wai Hou, Keith (Vice Principal)  
 Dr Fung Shing Kwong (Class of 1963)  
 Mr Shun Chi Ming, SBS, FRMetS (Class of 1980)  
 Professor Jim Chi Yung, BH, JP(Class of 1970)  
 Professor Mak Andrew Tsz Chung (Professor of Engineering Practice, Department of Chemical and Biological Engineering, HKUST)  
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### Student Sustainability Ambassadors


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 Mr Leung Tin Wai, Vince (Net-zero School Project Leader, 2022-2023 F.5C)  
 Mr Ng Cheuk Hin, Bernard (Vice Chairman, 2022-2023 F.5E)  
 Mr Lau Ka Ming, Martin (Vice Chairman, 2022-2023 F.5F)  
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