



GREEN SQUAD  
SMK CONVENT  
BUTTERWORTH

# Welcome to CBW secondary school



The background is a solid dark green color. It features several white, wavy, organic lines that sweep across the frame. One prominent line starts from the left edge, curves upwards and then downwards, framing the text. Another line starts from the bottom right and curves upwards towards the center. There are also some lighter green, semi-transparent shapes in the background, creating a layered effect.

# Towards a Green Life

SMK Convent Butterworth



## About us:

- Founded in 1930
- Only had 40 pupils
- Built on one acre of land

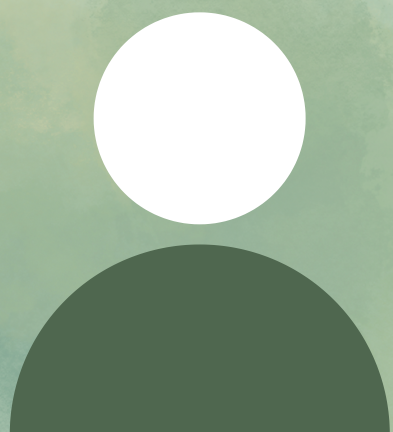


# The CBW Family



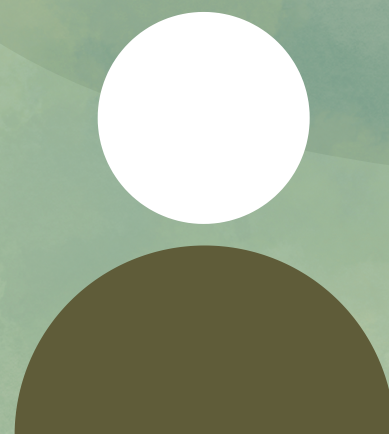
Pupils

• 571



Teachers

• 47



Support Staff

• 7



School

maintenance team

• 6



# The 3Rs:

- Reduce
- Reuse
- Recycle



THE  
SOLUTION  
IS LESS  
POLLUTION

# Reduce !



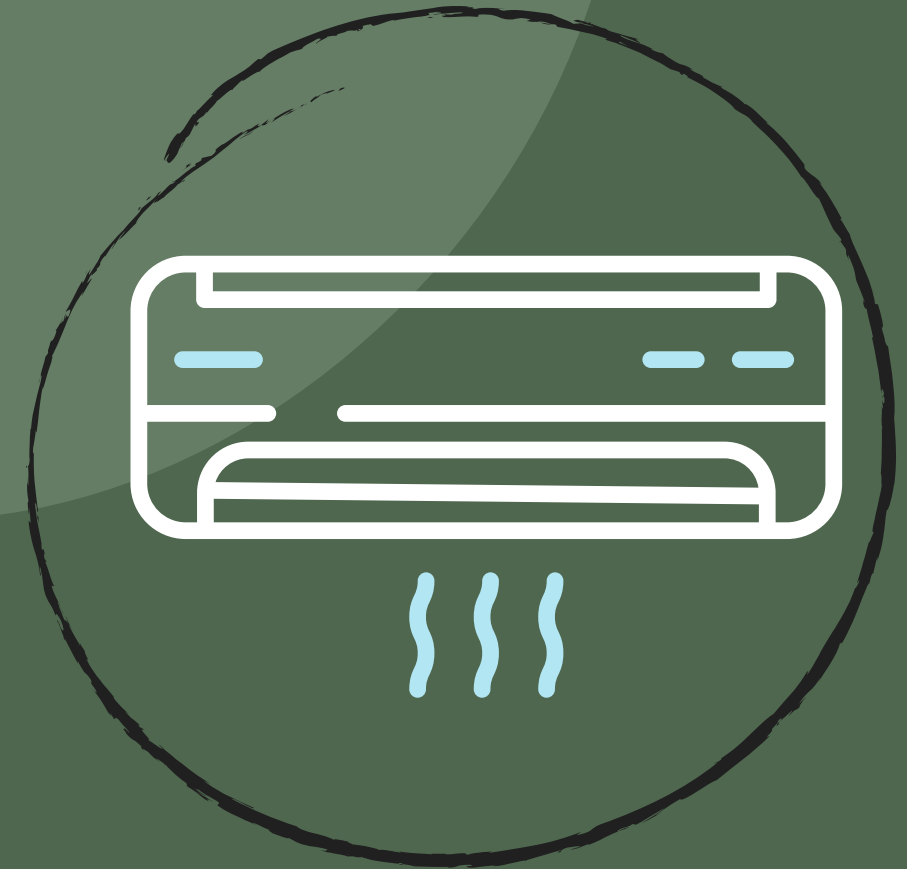
# How we minimize our electricity usage



- Before 9 a.m. : 2 fans
- After 9 a.m. : 4 fans



- After 9 a.m. : all lights switched off



- From 9 a.m. to 5 p.m. :  
25°C



# How we save water and electricity



Our sprinkler system





# Pollution





# No dustbins in classrooms



CHOOSE  
TO  
REUSE

REUSE!





# Cistern Tanks, Sinks, Tyres & Toilet Bowls as Pots







Old light bulbs  
and glass jars  
turned into mini  
planters





# My Shopping Bag







# Rainwater harvesting



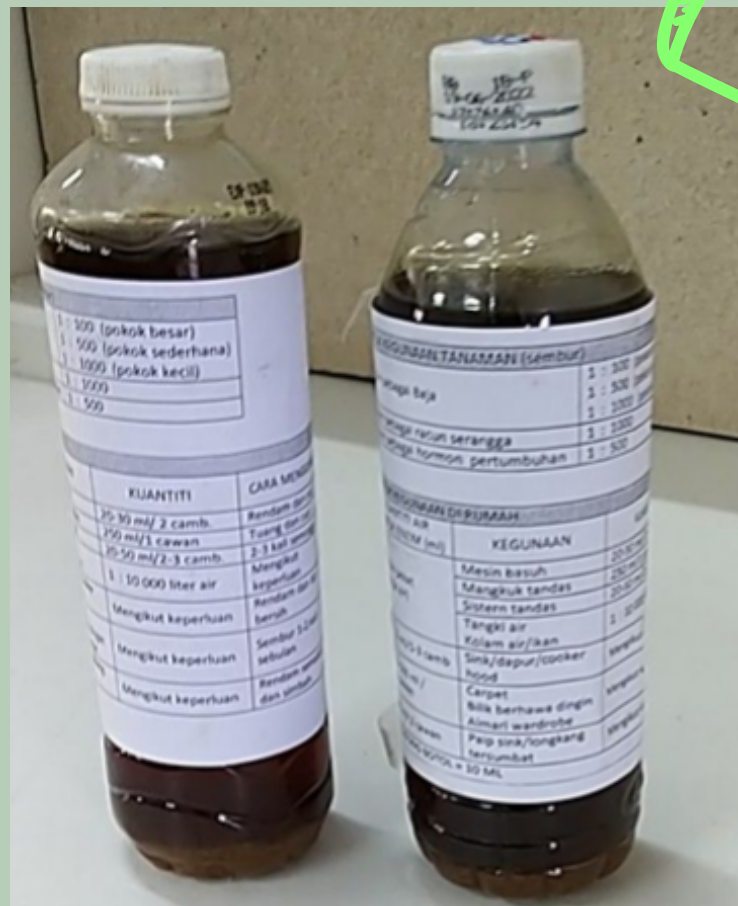


# Compost Bins





# Using Pineapple peels to make cleaning products



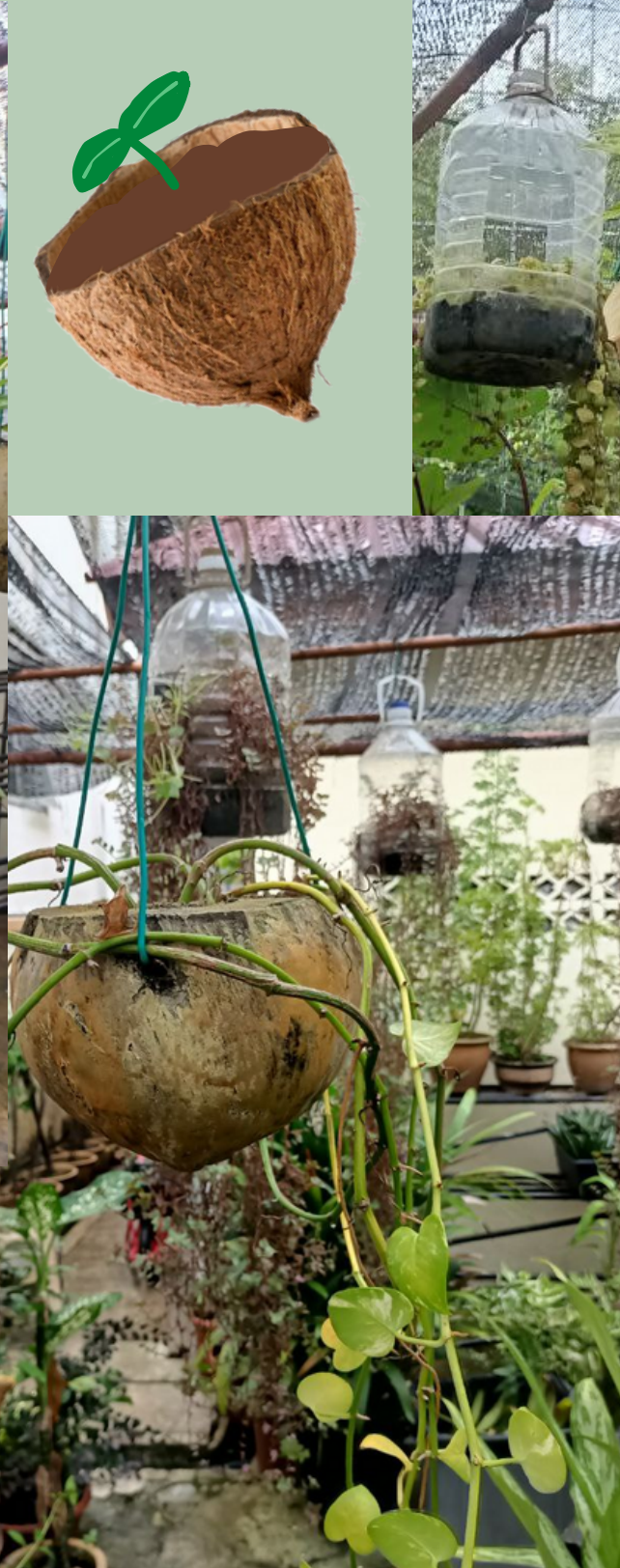


# Upcycling Wooden Pallets





# Coconut husk shells turned into pots





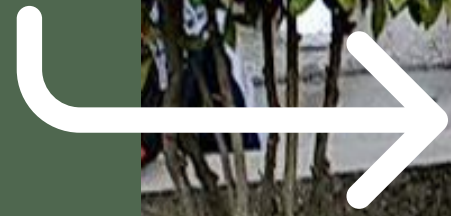
# 1 Student 1 Eco Brick



**ECO-FRIENDLY**



*Our Stage made  
from Eco Bricks*



*Stools made from  
Eco Bricks*



*Our students  
hard at work !*





# Recycling of old detergent bottles





# Plants in old cooking oil bottles





# Collecting used oil





# Making Soap







# Recycle !





# SHOOT-IN







# Our national flower

*What's it made from?*

- Fan blades
- Old banners
- A hub cap



# Our Initiatives

BIO-DIVERSITY AND NATURE

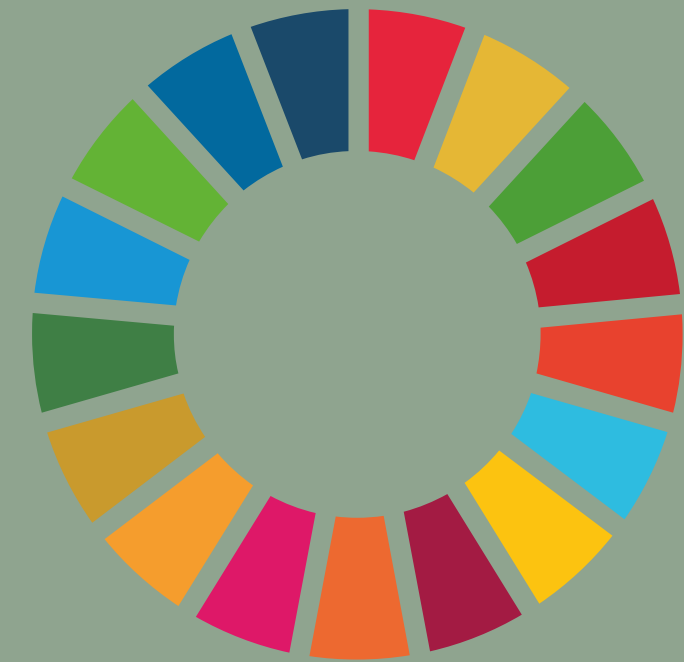
(SDG 2, 3, 14 & 15)

HEALTH AND WELL-BEING

(SDG 3, 4, 11, 15)

SCHOOL GROUNDS

(SDG 4, 15)



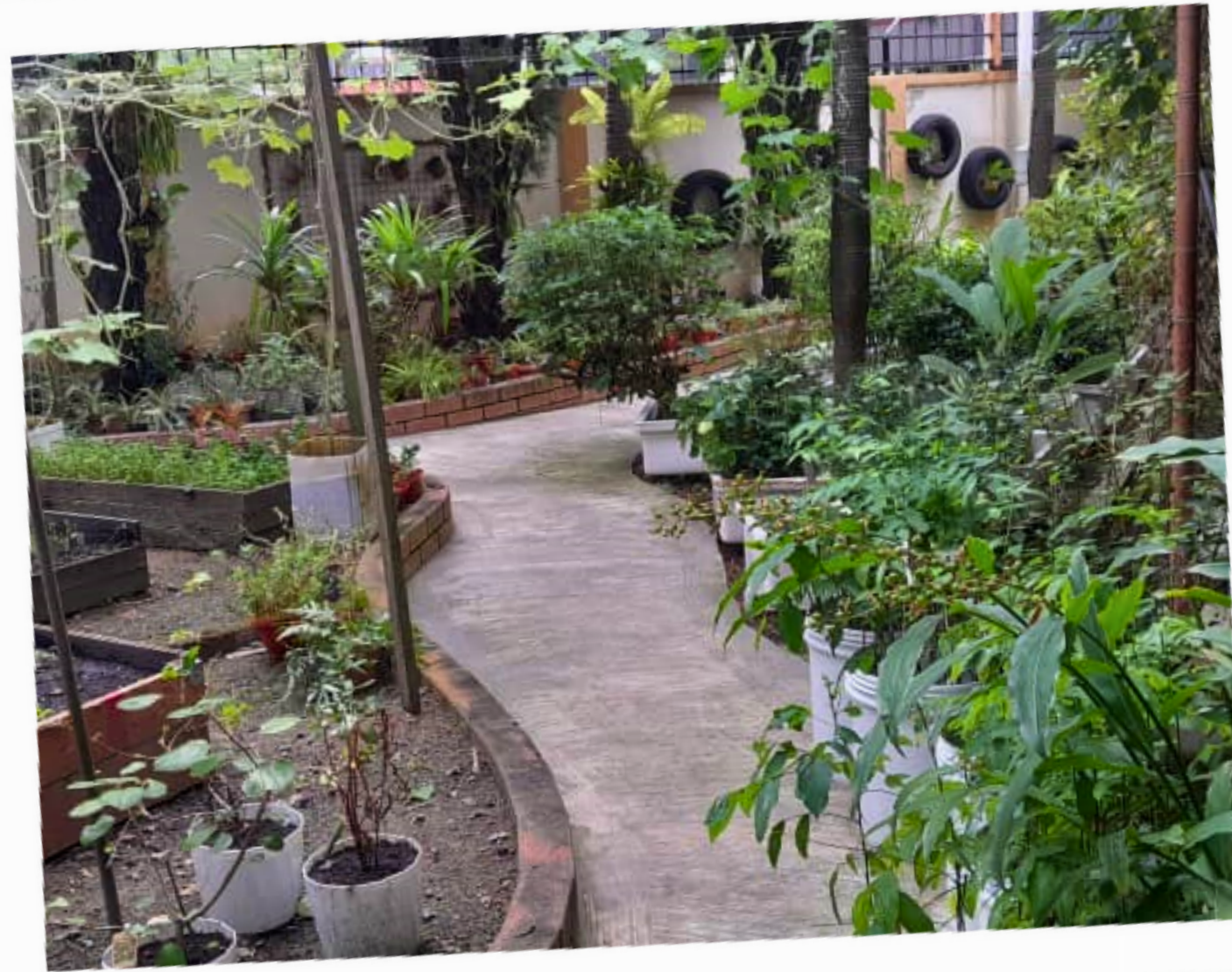
**THE GLOBAL GOALS**



# Biodiversity And Nature

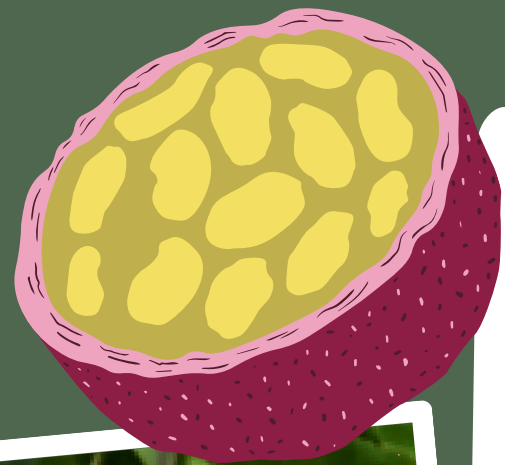


# Our Herbal Garden





# Passion Fruit Wall





# Fish Amino Acid





# Cuppy Succulent Programme





# Health And Well-Being



# Stress Relief Corner





# Daily 2-minute exercise





# Healthy Eating Campaign



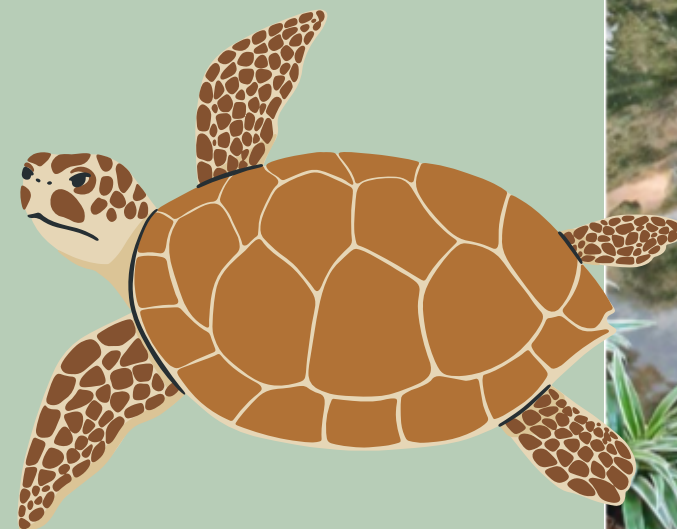
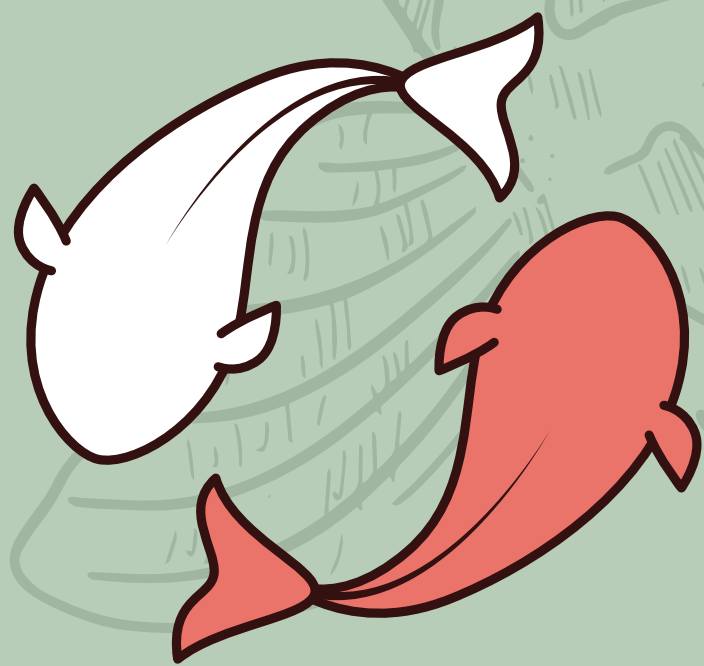




# School Grounds



# Fountain area and fish pond





# Decorations from reused items

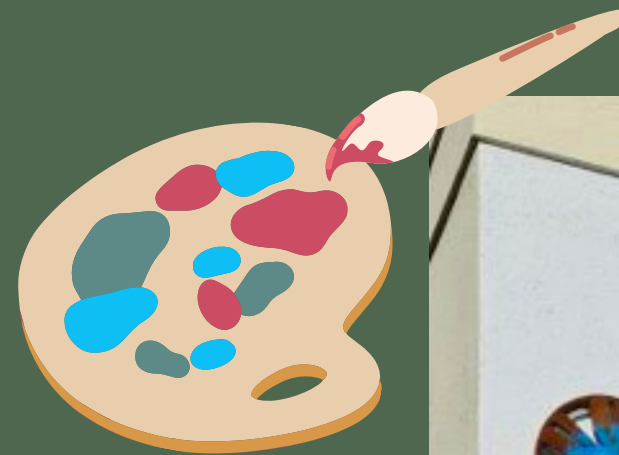




Teachers hard at  
work



# From Hub Caps to Art



"Thank you Pak Cik"



# Upcycle Corner



A stationary holder made  
from old tins



A table-wear holder  
made from plastic  
utensils





# Community Involvement





# Beach Clean-up 2022



 **LAUNCHING CEREMONY OF  
GREW HERO  
& BEACH CLEANUP ACTIVITIES**

Pantai Kampung Contoh,  
Bagan Ajam, Butterworth

**23 JULY 2022 SATURDAY  
(7:00 A.M. - 10:00 A.M.)**



Organiser:  GREW

Co-organisers:    

星洲日報 大北馬社區報 27. 7. 2022 星期三



許子然：全球暖化  
**推動綠色教育刻不容緩**

（檳城26日訊）檳城綠色教育工作協會（GREW）主席許子然指出，氣候變遷、全球暖化、海洋危機等問題持續惡化，推動環境意識教育已刻不容緩。

他說，該會因此成立「GREW Heroes」，集合青年的專業能力和力量，攜手推動「聯合國永續發展目標及相關會議」等活動，并帶領青年關注地球的永續發展和引領大馬走向永續的未來。

“GREW Heroes”推介禮

他日前在“GREW Heroes”推介禮上，力薦學生和青年加入，成為改變世界的力量。

他感謝拿督翁國中、北海修道院女中、檳城消費人協會、檳州市政廳和全體工委的配合，讓活動順利進行。

近300中小學生淨灘

在拿督翁國中學行的推介禮，獲州內近300名中小學生參與，由檳州市府Local Agenda 21官員周榮生主持。

出席者也徒步到北海峇里亞海灘進行淨灘活動，在短短30分鐘共回收了重達近660公斤的垃圾及136公斤可再循環物品。

周榮生呼吁學生們秉持正確的價值觀，并通過參與淨灘活動，把所獲得的启发化為行動，培養對社會的責任心愛護環境的觀念。

檳州消費人協會代表則向參與者講述如何分類垃圾，并記錄其數量和重量，想向公眾让大家理解海洋污染的危害，想向公眾





# Flex's Hydroponic & Aquaponic Program

flex®





# Grow Market at Auto City



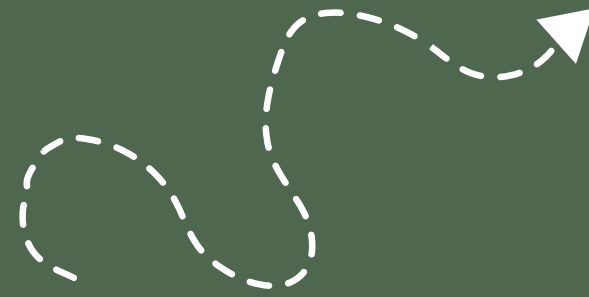


# Grow Market at Bagan Ajam





# From Egg Trays to Recycling Containers







# Bird-watching







Learning together



cactus



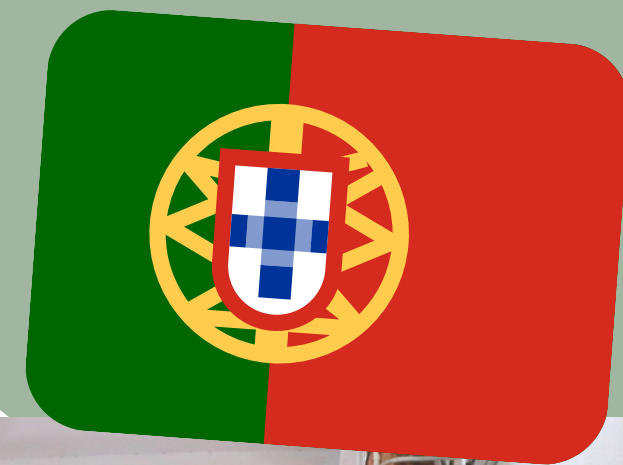
say "cheese"

# SCHOOLS FOR GREEN ACTION





# PORTUGAL VISIT





# A visit from USM students







# Waste segregation at Miao Hui Festival

## BRING YOUR OWN CHALLENGE

Church Street, Georgetown (near Curry@Go Restaurant)

### STEP 1

#### SNAP

a photo or video of you bringing your own food/drink containers/bags during Miao Hui event

### STEP 2

#### UPLOAD

In Facebook/IG/ Tik Tok & #檳城庙会 #GREWBYOchallenge,

### STEP 3

#### REDEEM

a mysterious gift at our GREW stall in Church Street (near Curry@Go Restaurant)

\*Free gifts are subjected to a limited stock and on a first-come first serve basis.  
\*One family is only entitled to redeem once.  
\*Terms & conditions are subjected to change by organiser.

Supported by

Organized by

Planned & coordinated by

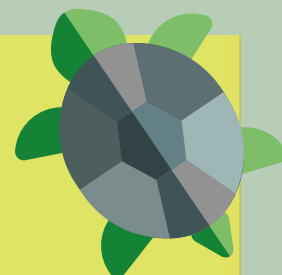




# Mini Wetland







# The 2nd ASEAN-JAPAN Symposium on Marine Plastic Waste Education

## THE 2<sup>nd</sup> ASEAN-JAPAN SYMPOSIUM ON MARINE PLASTIC WASTE EDUCATION

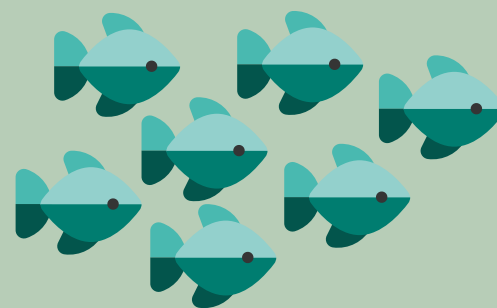
Nurture Good Habits for Cleaner Oceans

### 1 MARCH 2023

14:00 - 15:30 JST | Online Zoom Webinar | English & Japanese

Register by scanning the QR code:

Contact:  
info\_rpa@asean.or.jp  
Research & Policy Analysis Cluster  
ASEAN-Japan Centre



ASEAN-JAPAN CENTRE

### 2nd ASEAN-JAPAN SYMPOSIUM ON MARINE PLASTIC WASTE EDUCATION

**NURTURE**  
good habits for  
cleaner OCEANS

- O** Object to single-use plastic
- C** Cooperate in community projects and campaigns
- E** Eliminate trash properly
- A** Advocate for better waste management policies
- N** Nurture businesses and activities that lessen marine plastic pollution
- S** Switch to reusable alternatives



#### CERTIFICATE OF PARTICIPATION

THIS IS PRESENTED TO

Kaelyn Thong Su Wen

for virtually participating in  
the 2nd ASEAN-Japan Symposium  
on Marine Plastic Waste Education  
on 1 March 2023.

*K. Hirabayashi*  
DR. KUNIHICO HIRABAYASHI  
SECRETARY GENERAL  
ASEAN-JAPAN CENTRE

Project partners:  
Regional Knowledge Centre  
for Marine Plastic Debris

UN HABITAT  
FOR A BETTER URBAN FUTURE



ASEAN-JAPAN CENTRE

### 2nd ASEAN-JAPAN SYMPOSIUM ON MARINE PLASTIC WASTE EDUCATION

**NURTURE**  
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- S** Switch to reusable alternatives



#### CERTIFICATE OF PARTICIPATION

THIS IS PRESENTED TO

Aishwariya Ravi

for virtually participating in  
the 2nd ASEAN-Japan Symposium on  
Marine Plastic Waste Education  
on 1 March 2023.

*K. Hirabayashi*  
DR. KUNIHICO HIRABAYASHI  
SECRETARY GENERAL  
ASEAN-JAPAN CENTRE

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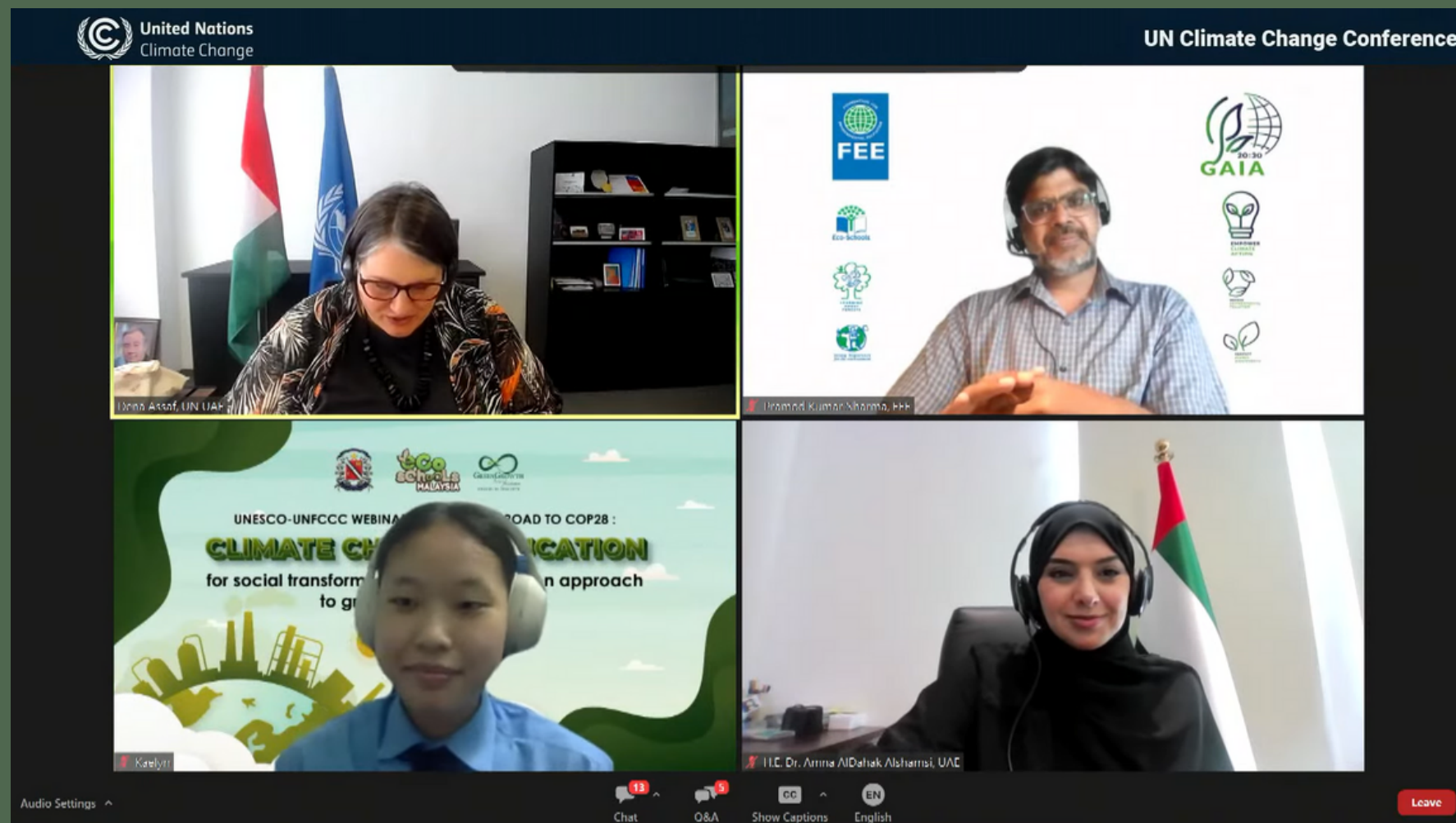




# Green Ramadhan Campaign 2023







*Our pupil was a student representative of eco-schools in this webinar!*

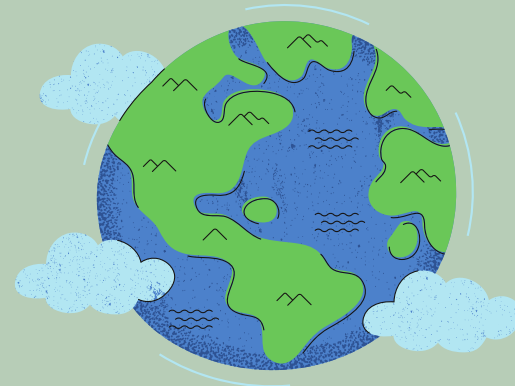


# UNFCCC-UNESCO Webinar on Climate Change Education





# EARTH DAY CELEBRATION





# Singapore's 2nd visit





# Grew heroes team building





# Eco schools penang workshop 1.0





# Yi Fu Festival



## CERTIFICATE OF APPRECIATION

PROUDLY PRESENTED TO

**Kaelyn Thong Su Wen**

SMK CBW GREW Heroes

for supporting Yi Fu Fest as an Eco-talk Speaker  
on 29 July 2023, at Straits Quay, Penang

*Xian*  
**Goh Shu Xian**  
Founder of Redo Smart Enterprise  
Organiser of Yi Fu Fest

redo

*Ming*  
**Dr. Choong Jian Ming**  
Founder of Aimpactz Social Enterprise  
Organiser of Yi Fu Fest

Aimpactz

KAKI  
SWAPZ

Straits Quay  
PENANG'S FIRST SEAFRONT RETAIL MARINA

LYSAKO

GREW

## Sustainable Fashion

### SDGs

#### Sustainable Development Goals

- Has 17 goals
- A shared blueprint for peace and prosperity for people and the planet, now and into the future



02

### SOLUTION

1. What is it?  
It's fashion using sustainable clothing.
2. What's sustainable clothing?  
Sustainable clothing refers to fabrics derived from eco-friendly resources, such as sustainably grown fiber crops or recycled materials.

01

### PROBLEM

#### Fast Fashion:

- ⚠ Risks health and safety of workers
- ♻ Encourages wasteful behaviour
- ☁ Risks environmental pollution
- 👶 Exploitation of children



03

### IMPLEMENTATION

- Buy Less
- Buy better quality
- Think twice before throwing out old clothes
- Buy, swap and rent second hand clothing



### SDGs Involved:



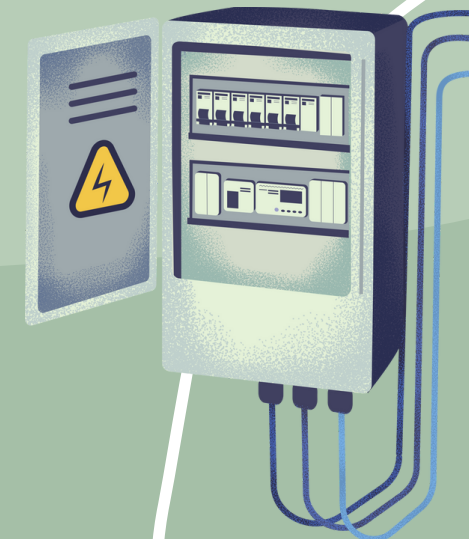
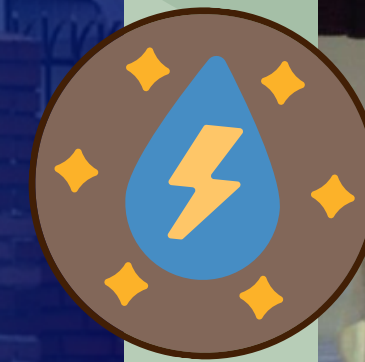




**SMK CONVENT BUTTERWORTH**

# **ELECTRICITY AND WATER - POWERFUL PARTNERS FOR A SUSTAINABLE FUTURE**

A talk on  
saving water  
and energy





# Gotong royong Madani





# Survey on plastic usage





# Our Eco Sale



**SALE**





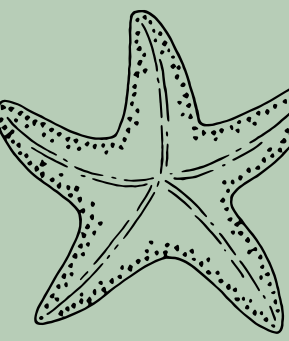
# Beach Clean Up







# Coastal CurioSEAty Camp 2023



Organiser:   

Collaboration Partner:   

Sponsors:  

## Coastal CurioSEAty Camp 2023

**15-18 years old**

7am - 6pm  
**9 SEPTEMBER 2023**  
at Centre for Marine and Coastal Studies,  
Teluk Bahang

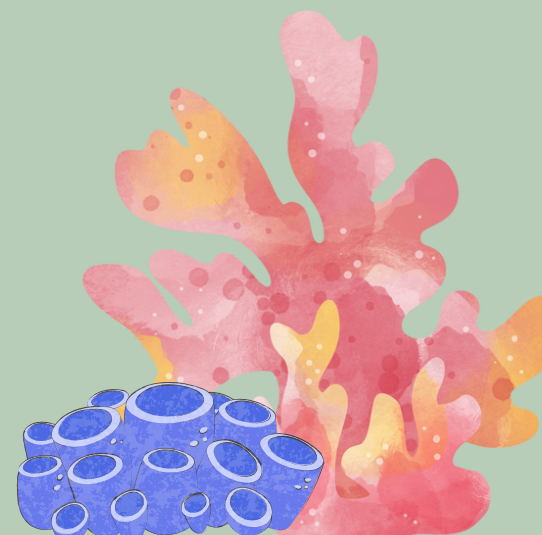
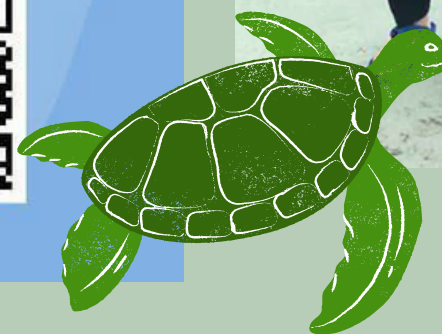
**EXCITING ACTIVITIES**  
Jungle Walkthrough | Educational Tour in CEMACS  
| Beach Cleanup | Marine Ecosystem Classroom

First come first served basis: Each school limit to 2 pax only

SCAN TO REGISTER  
Closing Date: 18 August 2023  


\*Terms and conditions apply.

+6 04 250 3322 | info@pgc.com.my | +6 017 632 9212 | www.pgc.com.my



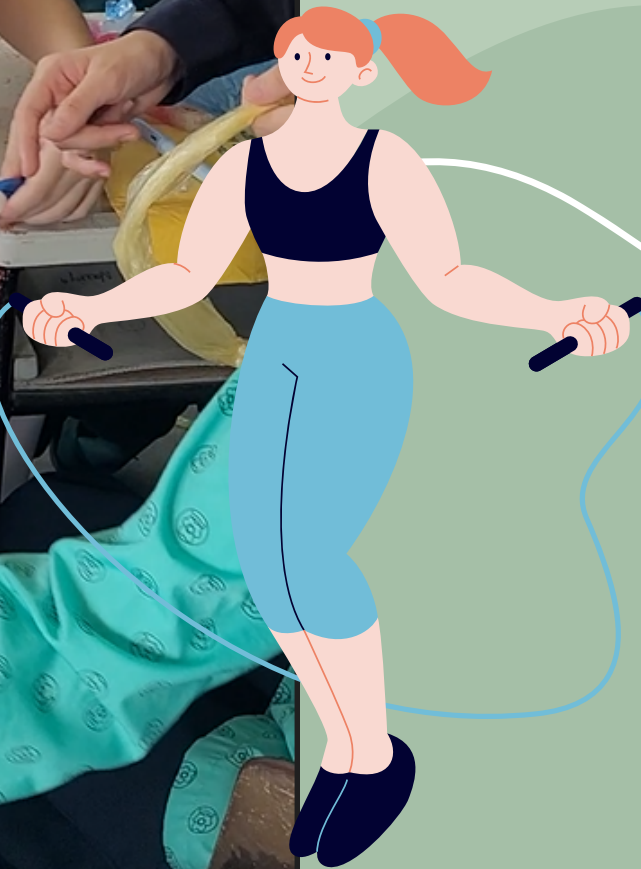


# Upcycling Project 5s





# Recycled Jump Rope







# Achievements of SMCBW





# Eco-Schools Programme Malaysia

## GREEN FLAG AWARD

presented to

SMK Convent Butterworth

for the achievement led by its Eco-Schools Programme Committee in addressing environmental issues based on the Seven Steps Methodology in compliance with its associated criteria.



THIAGARAJAN NADESON  
National Operator  
WWF-Malaysia



June 2022

GREEN FLAG –  
ECO SCHOOLS  
INTERNATIONAL  
LEVEL





TOWARDS GREENER PENANG  
**SEMBANG@WWF**  
Ways to Net Zero Emissions



**RESULT ANNOUNCEMENT  
- SECONDARY SCHOOL-**

**THIRD PRIZE**

**RM 100 CASH**

**+**

**CERTIFICATE**

**+**



**HAMPER**

**KIRTANAH A/P POOMARAN**

**SMK CONVENT  
BUTTERWORTH**



TOWARDS GREENER PENANG  
**SEMBANG@WWF**  
Ways to Net Zero Emissions



**RESULT ANNOUNCEMENT  
- SECONDARY SCHOOL-**

**CONSOLATION PRIZE**

**RM 50 CASH**

**+**

**CERTIFICATE**

**+**



**HAMPER**

**SHARMATHA A/P  
VIGNESWARAN**

**SMK CONVENT  
BUTTERWORTH**



Sembang  
@WWF





KEMENTERIAN PENDIDIKAN MALAYSIA  
Pejabat Pendidikan Daerah Seberang Perai Utara

# Sijil Penghargaan

Dengan ini diperakukan bahawa

SEKOLAH MENENGAH KEBANGSAAN CONVENT BUTTERWORTH

sebagai penerima

PENGURUSAN TANDAS TERBAIK (SEKOLAH MENENGAH)  
TAHUN 2021

sempena

MAJLIS ANUGERAH KECEMERLANGAN KOKURIKULUM DAN HEM  
SEKTOR PEMBANGUNAN MURID

Pada

23 MAC 2022

Sektor Pembangunan Murid, Pejabat Pendidikan Daerah  
Seberang perai Utara merakamkan setinggi-tinggi penghargaan,  
tahniat dan terima kasih atas kejayaan anda



ROSLI BIN IBRAHIM  
Pegawai Pendidikan Daerah  
Pejabat Pendidikan Daerah  
Seberang Perai Utara



NO RUJUKAN :

MAJLIS BANDARAYA SEBERANG PERAI

5  
BINTANG



CEMERLANG

5★  
CEMERLANG

4★  
BERSIH

3★  
MEMUASKAN

2★  
SEDERHANA  
BERSIH

1★  
KURANG  
BERSIH

BUTIRAN PREMIS :

SMK CONVENT BUTTERWORTH  
JALAN NEW FERRY 12100 BUTTERWORTH

T/T PEGAWAI PEMERIKSA

B/P. PENGARAH PERKHIDMATAN  
KESEHATAN MBSP

Tgl. Pemeriksaan	13/3/22
Nama Pegawai Pemeriksa	SYAHMI

www.mbsp.gov.my

Jabatan Perkhidmatan Kesihatan, Tingkat 7, Majlis Bandaraya Seberang Perai



KEMENTERIAN PENDIDIKAN MALAYSIA  
Jabatan Pendidikan Negeri Pulau Pinang

# Sijil PENARAFAN

Dengan sukacita merakamkan setinggi-tinggi penghargaan dan  
terima kasih kepada

SMK CONVENT BUTTERWORTH



PENARAFAN KEBERSIHAN TANDAS BAGI TAHUN 2021 & 2022

daripada

UNIT HEM, SEKTOR PEMBANGUNAN MURID  
JABATAN PENDIDIKAN NEGERI PULAU PINANG



(ABDUL RAHMAN BIN ABDUL SAMAD)  
Pegawai Pendidikan  
Jabatan Pendidikan Negeri Pulau Pinang





KEMENTERIAN PENDIDIKAN MALAYSIA  
Jabatan Pendidikan Negeri Pulau Pinang

# Sijil Pengiktirafan

Adalah dengan ini disahkan bahawa  
**SMK CONVENT BUTTERWORTH**

Telah berjaya mendapat  
**EMAS**

Dalam  
**INISIATIF PENSIJILAN SEKOLAH BERSIH  
PERINGKAT KEBANGSAAN 2022**

Anjuran  
**KEMENTERIAN PENDIDIKAN MALAYSIA DAN  
SWCorp MALAYSIA**

*Tahniah!*



Haji Abdul Rashid bin Abdul Samad  
Pengarah Pendidikan Negeri Pulau Pinang



**PENSIJILAN SEKOLAH BERSIH**

**EMAS**



Program ini menyokong  
Matlamat Pembangunan Mampan (Sustainable Development Goals)

Sijil ini sah sehingga **Disember 2025**



## CERTIFICATE OF APPRECIATION

This certificate is awarded to  
**SMK CONVENT BUTTERWORTH**  
Pulau Pinang

as the  
**Top 15 Semi Finalist**

of  
**World's Best School Prizes:  
Malaysian Chapter 2.0**

March 2023

**ZULHAIMI OTHMAN**  
Managing Director,  
LeapEd Services Sdn Bhd



PENGANJUR:



RAKAN KERJASAMA:



PENAJA:



# Sijil Pencapaian

Setinggi-tinggi tahniah kepada

*Sekolah Menengah Kebangsaan Convent Butterworth*

kerana telah memenangi

**KATEGORI PENGLIBATAN DIGITAL / KOMUNITI**

**ANUGERAH SEKOLAH HIJAU 2022**

**PERINGKAT NEGERI BAGI KATEGORI SEKOLAH MENENGAH**

**MAJLIS PENYAMPAIAN ANUGERAH SEKOLAH HIJAU PULAU PINANG 2022**

21 MAC 2023

*Uthman Chow*

**YAB TUAN CHOW KON YEOW**

Ketua Menteri Pulau Pinang  
Pengerusi Penang Green Council

2030

♥PENANG

Printed on recycled paper

PENGANJUR:



RAKAN KERJASAMA:



PENAJA:



# Sijil Pencapaian

Setinggi-tinggi tahniah kepada

*Sekolah Menengah Kebangsaan Convent Butterworth*

kerana telah memenangi

**JOHAN**

**ANUGERAH SEKOLAH HIJAU 2022**

**PERINGKAT NEGERI BAGI KATEGORI SEKOLAH MENENGAH**

**MAJLIS PENYAMPAIAN ANUGERAH SEKOLAH HIJAU PULAU PINANG 2022**

21 MAC 2023

*Uthman Chow*

**YAB TUAN CHOW KON YEOW**

Ketua Menteri Pulau Pinang  
Pengerusi Penang Green Council

2030

♥PENANG

Printed on recycled paper

SATURDAY 1 APRIL 2023

PENANG

Events 5



SMK Convent Butterworth team celebrating their success with school principal Lim (right).  
(Left) Winners of the Penang Green School Award 2022/2023 posing for a group photo.

GOOD teamwork is key to the success of SMK Convent Butterworth which won the Penang Green School Award. This is the first time the school took home the overall champion award.

The competition, introduced 13 years ago by Penang Green Council, is held in collaboration with Penang Island City Council (MBPP) and Seberang Prai City Council (MBSP) to inculcate a love for the environment among students.

As the award winner, the school received a prize money of RM5,000 and a certificate.

Principal Lim Lean Yoke attributed the victory to the hard work of students, staff and parents.

"I want to thank all of them for supporting and encouraging each other during the project.

"This was not a one-person job. It was a team effort.

"Individually, we would not have been able to reach this stage. Not everybody is willing to go green.

"For example, many still prefer single-use plastic containers that they can easily throw away without having to wash them," Lim told *Ruhlin Mariani* during an interview after the prize presentation ceremony.

She said SMK Convent Butterworth students were encouraged to bring their own containers and segregate items for recycling.

The school has special bins for boxes, cans and recyclable plastics. Lim said that when she became

## Many 'green fingers' join forces to grab award

SMK Convent Butterworth bags RM5,000 prize, thanks to collective effort

the principal in 2018, she gave strong support to the teacher in charge of the green school programme to continue with the initiative.

Besides growing spinach, bitter melon, winter melon, cabbage and mushroom, the school has also introduced a herbal garden.

Since the school has limited space, it has embarked on vertical planting by using mineral water bottles and cooking oil containers.

Last year, a succulent plants project was introduced and the cacti were sold at Juru Auto City, Bagin Ajam Market and MBSP.

Lim said the school would reinvest the prize money to carry out new projects.

"We usually spend the money received from winning competitions or from sales, on buying soil and plants.

"For me, going green is not just saying or telling it but putting it into action.

"I always tell my students that whatever knowledge gained from



SMK Convent Butterworth students preparing the soil and the vertical garden at the school - Filepic

school can be practised at home and shared with the community," said Lim, who also thanked SMK Convent Pulau Tikus for sharing its experience with the school.

SMK Convent Butterworth is so proud that three of its students - Kiranah Ponnararan, Tang Jia Jia and Siti Alyssa Saadi Azlee - advocated for environmental sustainability when taking part as presenters in the online International Best Practices Sharing Session 3.0 Eco Schools last year.

Nine schools from Malaysia took part while the foreign institutions were from India (two), Singapore (one) and Qatar (one).

Siti Alyssa, Jia Jia and Kiranah said they had passed on what they learned from volunteers and the Consumers Association of Penang to other students.

"We are all in Form Five this year, so we hope our juniors will continue the good work," said Kiranah.







# Karnival Kebudayaan 3K @ABC







Thank you!