

# ECO SCHOOL

hosted by *SDG 4 Tsinglan*





## Eco-Schools

# WHAT IS ECO SCHOOL?

"Eco-Schools is one of the largest **global sustainable schools** programme – it starts in the classroom and expands to the community by engaging the next generation in **action-based learning**."

# HOW TO BECOME AN ECO SCHOOL?

1.

## FORM AN ECO COMMITTEE

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2.

## START ACTION

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3.

## SUBMIT FOR EVALUATION

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BUT  
WHY?

## RECOGNITION FOR OUR SCHOOL

A DRIVE FOR US TO IMPROVE THE COMMUNITY

PARTICIPATE IN THE ACTION TO REALIZE SDG

# "ACTION BASED"

Through SDG themed projects, the Eco Committee makes an improvement on the community, making us more **sustainable**



The Committee will divide into smaller groups to focus on different problems

## IDENTIFY PROBLEM

- Sight a problem in the school community related to the SDGs
- Analyse its cause
- Discuss possible solutions

## ACT ON A SOLUTION

- Action plan:  
Span across a period of time
- Initiation: how to introduce, how to prepare the audience
  - Execution: in what form?
  - Review and Reflect

*Works of many services clubs:  
Science&Health, SheSTEM, Mind over Matter, Environmental club*

# PROJECT INTRODUCTION

What are the 17 SDGs and why are they important

# WHAT ARE SDGs?

SDGs is the abbreviation of

## “Sustainable Development Goals”

It includes 17 different goals, which are:



# Where do the SDGs come from?

United Nations Sustainable Development Summit 2015



# WHAT DOES SDG MEAN



# Why are the SDGs important?





# WHAT'VE WE DONE?



## 01 - INTERNATIONAL DAY OF ELIMINATION OF VIOLENCE AGAINST WOMEN

On December 25, 2023, SDG 4 Tsinglan and Her Voice club jointly launched a school wide collaborative painting activity to commemorate this day. Using art to express the importance and concern for women implies that everyone can use painting to promote and care for this festival.



## 02 - WILDLIFE CONSERVATION LECTURE

On November 23, 2023, SDG 4 Tsinglan invited Teacher Xingba to Qinglan Mountain to give a lecture on wildlife conservation to students. Teacher Xingba led him into Africa to share his experience in creating wildlife conservation and share interesting knowledge with everyone



### 给青少年的野生动物保护课



特邀嘉宾: 星巴

青少年需要怎样的国际视野?  
参与世界野保行动，  
能为青少年带来怎样的收获?

首位 走进非洲开创野保事业的中国人

著作 《守护狮群》

影视 纪录片《王者归来》  
《Lionheart》

解说 央视“东非野生动物大迁徙”

扫码报名  
→»»



TIME AND VENUS

A101

11.23. THU.

16:00-17:30





## 03 - SDG 4 TSINGLAN WECHAT OFFICIAL ACCOUNT

Club philosophy: We hope to collaborate with more high school clubs through SDG!!!

# 可持续发展目标

The grid contains the following information:

序号	目标名称	图标
1	无贫穷	家庭图标
2	零饥饿	碗图标
3	良好健康与福祉	心率图标
4	优质教育	书本图标
5	性别平等	男女图标
6	清洁饮水和卫生设施	水滴图标
7	经济适用的清洁能源	太阳图标
8	体面工作和经济增长	图表图标
9	产业、创新和基础设施	工厂图标
10	减少不平等	箭头图标
11	可持续城市和社区	城市图标
12	负责任消费和生产	无限图标
13	气候行动	地球图标
14	水下生物	鱼图标
15	陆地生物	森林图标
16	和平、正义与强大机构	和平鸽图标
17	促进目标实现的伙伴关系	连接图标

SDG 4 Tsinglan  
广东

SDG 4 Tsinglan是一个高中生组成的社团，致力于将可持续性发展目标融入校园（Goal 4 Education）。践行可持续性... >

X ... X SDG 4 Tsinglan ...

**SDG 4 Tsinglan 首篇公众号出炉！**

原创 SDG for Tsinglan SDG 4 Tsinglan  
2023-12-12 22:26 广东 听全文

**清澜山学校SDG社团**  
SDG 4 TSINGLAN

**2 社团使命**

我们的社团的使命是通过教育、倡导和行动来促进全球可持续发展目标的实现。我们希望激励学生采取积极的措施，促进环境保护、减少贫困、提高教育水平以及实现其他相关目标。我们相信每个人都可以成为变革的一部分，而我们的社团就是为此目的而设立的。

The mission of our club is to promote the actualization of the SDGs through education, advocacy, and action. We want to inspire students to take positive steps to promote environmental protection, reduce poverty, improve education, and achieve other related goals. We believe that everyone can be part of the change and our club was created for this purpose.

**1 简介**

清澜山SDG社团（SDG4Tsinglan）致力于推动联合国可持续发展目标（Sustainable Development Goals, 简称SDGs）在学校中的学习和推广。学生作为这个世界未来的参与者，有责任参与并推动实现这些重要目标。2023年7月，由几位志同道合的学生起始策划建立了这个社团，我们致力成



# **WHAT WE WILL DO?**



- "National Middle School Water Science and Technology Invention Competition"
- This competition helps students to understand the issues of water conservation and to engage in practical environmental activities
- The winners of this competition will have the opportunity to participate in the annual Stockholm International Junior Water Prize (SIWP) in Sweden

- We will organize field trips by contacting NGOs and public welfare organizations outside the school to provide students with opportunities to learn and deepen their understanding of the SDGs through real-world experiences and participation
- Map of the ecomuseum from The Chinese University of Hong Kong



# "变废为宝" -废油制作肥皂项目

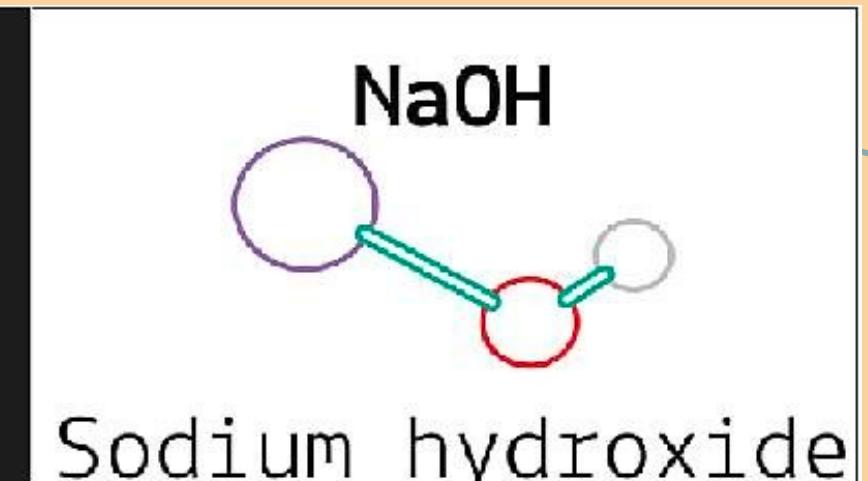
In order to further implement the small goal of "affordable clean energy" in the United Nations Sustainable Development Goals and solve the problem of the disposal of household "waste oil" that can be seen everywhere, after investigation, we found that waste oil can be made into environmentally friendly soap after a series of processing. Environmentally friendly soap not only has a strong cleaning performance, and because its raw material is from waste oil, the cleanliness of the oil can be inferred through the final form of the environmentally friendly soap. Therefore, we plan to carry out a six-month environmentally friendly soap project to continuously popularize science, promote the application of environmentally friendly soap in campus, conduct periodic publicity and teaching so that more students can learn and master the method of making environmentally friendly soap, establish a long-term production project of environmentally friendly soap, and use part of the environmentally friendly soap made in campus and family. Part of the community gift or sale, to better improve the awareness of sustainable development in the community.



Materials:  
Clean and return to pan oil 3L  
Sodium hydroxide 450g  
Water 850-900mL  
Essence 30mL  
Stainless steel POTS and spoons (can withstand temperatures above 70 degrees)  
Recycling model boxes (milk cartons, egg cartons...)



Caustic Soda Flakes



# “变废为宝” -废油制作肥皂项目

1. A special exhibition area is arranged on the 4th floor of the school, where a large oil drum is placed to collect waste oil
2. Every Tuesday on B9B10, workshop will be held in the laboratory to collect waste oil, unify the chemical principles behind teaching and carry out practical operations
3. Pre-registration is required before participation in order to confirm the number of participants
4. It will be air-dried for one month after production, and will be packaged and delivered to you after it is completely dried



jinshuju link

# 案例分享



joo  
soap  
Eco Soap Studio  
Finland - Taiwan

Good oil? Bad oil? Over-fried? Let's see how eco-soap looks like!  
好油？壞油？過炸？來看看做出來的環保肥皂長什麼樣子吧！ <http://joosoap.org>

Taiwan  
Maple  
Community  
台中楓樹環保小學堂



台中萬人環保肥皂講師團  
台中南屯區清潔隊  
環保皂工作站



## 台灣台中楓樹社區營造靠肥皂

SINCE 1996

If.....

You are interested in chemistry or hand - making

You have wasted oil in your home

You want to contribute to the environmental long term development

You like join in the fun

Welcome to  
participate!!!

# TSINGLAN USED BOOK TRADING PLATFORM

## 二手书交易网站

1. Coding Club 将尽力在本学期内搭建好一个基本的二手书交易网
2. 同学可以上传自己不需要的书籍，其他同学可以预览并购买。
3. 今后可以和图书馆合作，或者开放交易其他物品
4. 如果你也有兴趣加入这个项目，可以联系 Coding Club - Paul Liu / Bruno Chen



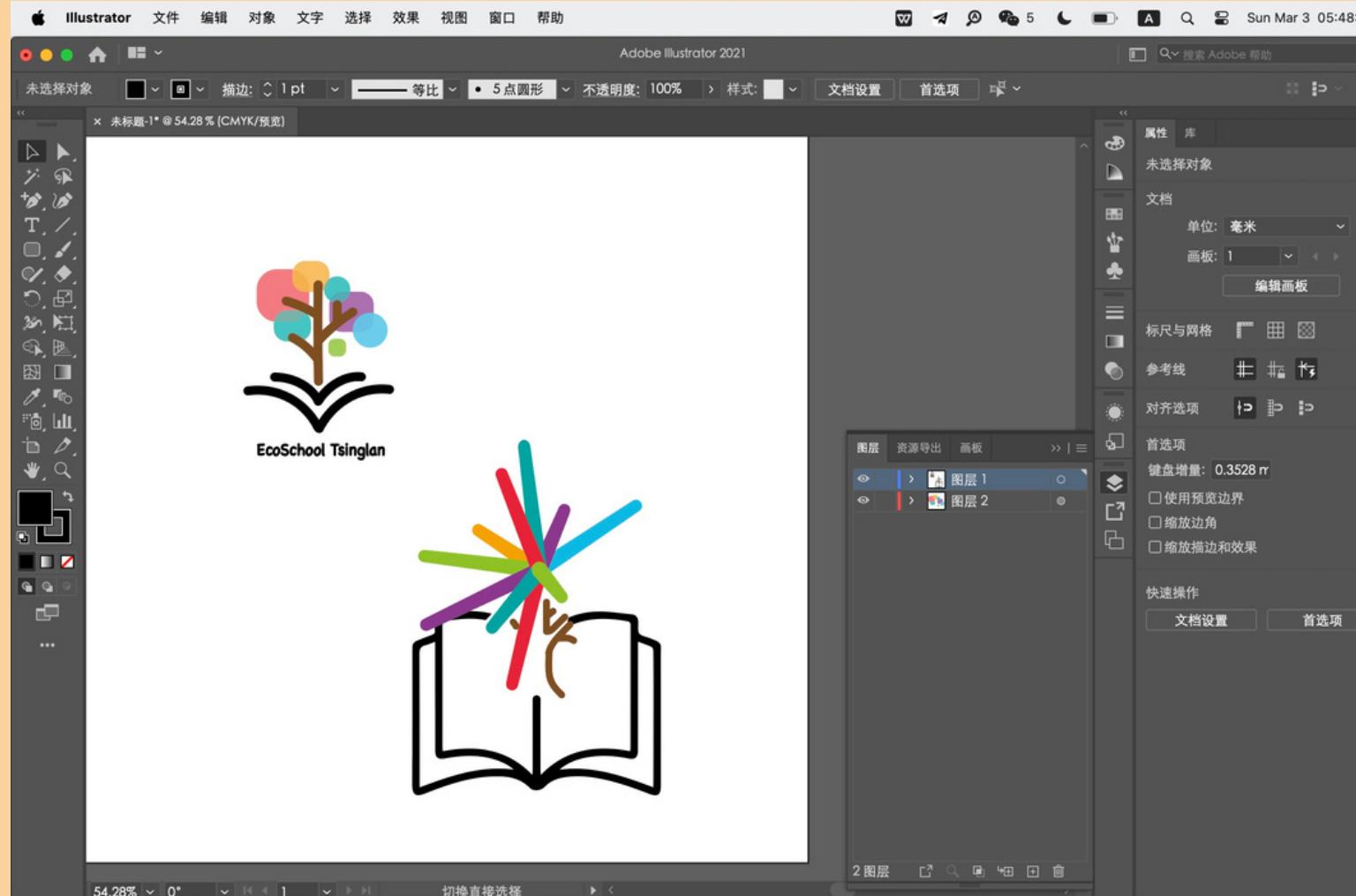


# **ECO COMMITTEE**

# **TEAM SPIRIT**

# Logo!

design drafts:



- The colors of the leaves are derived from the 6 colors on the tsinglan logo
- a tree growing out of a book represents the idea that we are an environmentally friendly group trying to spread our idea through education



# Team uniform(draft)



# HOW WILL THIS AFFECT YOU?

1.

## COLLEGE APPLICATION MATERIAL

- Joining the EcoCommittee at this stage is a step on being a leader!
- Shows YOUR care and YOUR contribution to YOUR community
- Provides a valuable experience to write in college applications
- If you are interested in environmental related majors, this is a MUST PICK

## SHOW OFF YOUR TALENTS

2.

- We are an organization that focuses on taking action instead of just planning
- No one has yet tried to implement "sustainability" in our campus, so any of your ideas may become real
- We need people who are good at anything, so why not show the community what you've got?

# SIGN UP

## LINK IN EMAIL

*Ecoschool@tsinglan.org*



EcoSchool Tsinglan



# THANK YOU

