

2021

SDG CHALLENGE SCHOOL PROGRAM on QUALITY EDUCATION DURING COVID-19 PANDEMIC: A Perspective from Students through Co-curriculum Sustainability Competition



1.0 Introduction

RCE Penang is a United Nations recognized Regional Centre of Expertise (RCE) on Education for Sustainable Development (ESD) that works in partnership with key stakeholders to bring about change for sustainability at the community level. Our network includes partners from the voluntary, public, education and business sectors, who work together to develop, implement and share information about ESD projects and program in Penang. RCE Penang as one of the global RCEs has the platform to offer student all over the world to collaborate in sharing knowledge and experience about SDGs.

In May 2014, RCE Penang, in its bid to mobilize and increase its efforts in education for sustainable development at the local level has set up a network named Sejahtera Club. This initiative is part of RCE Penang objectives which is a network collaboration with local stakeholders among schools. Sejahtera Club provide an innovative platform for teachers and students to share information and experiences, opinions and implement and further promote educational agendas for sustainable development. A proactive program will bring together all Sejahtera Club partners to ensure that this initiative will achieve its objectives. The collaboration with SMK Datuk Onn is in line with the objective of Sejahtera Club in applying the green school concept across the Curriculum, Co-Curriculum and Students Affair Unit. Thus, this program will support the objective of Sustainable Development Goals (SDGs) and Malaysia 2030.

In early 2020, the world was attacked by the Covid -19 epidemic. This pandemic has changed human daily practices. It also affected the education sector. Thus, in response to Covid-19 pandemic challenges, Sejahtera Club in collaboration with SMK Datuk Onn Butterworth, Penang would like to propose “SDG CHALLENGE SCHOOL PROGRAM on QUALITY EDUCATION DURING COVID-19 PANDEMIC: A Perspective from Students through Co-curriculum Sustainability Competition” to support the co-curriculum activities focusing on SDG 4 – Quality Education in which the aim is to “*ensure inclusive and equitable quality education and promote lifelong learning opportunities for all*”. This program will be held from 1st September to 2nd October. This program would serve as a platform for all Sejahtera Club members, schools from Malaysia, Korea, Japan and Indonesia to get together, share and disseminate ideas, information, and efforts and promote good competitive value among students regarding co-curriculum activities at schools and home.

2.0 Program Goals

The program as a whole will meet the following goals:

- 2.1 To strengthen the networking between university and schools (Malaysia, Korea, Japan and Indonesia) in creating and enhancing sustainability understanding through competition and smart partnership between schools.
- 2.2 To create leaders who are able to transform their knowledge for a sustainable society.

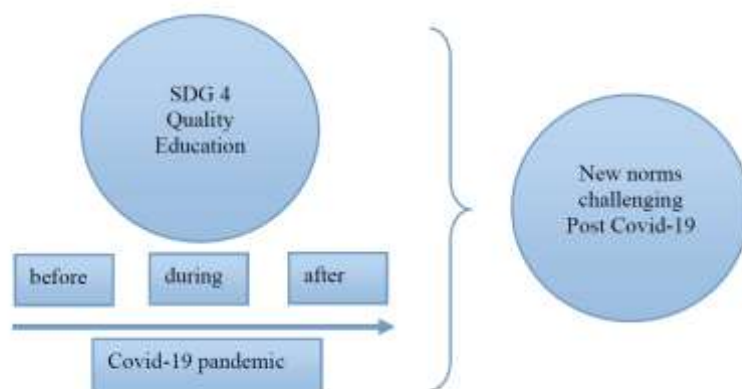
3.0 Program Objective

- 3.1 To empower students to be the leaders in promoting SDGs through competition and teamwork between students
- 3.2 To share views and concerns about challenges in doing co-curriculum activity during and post Covid-19 pandemic.

4.0 Conceptual Framework Program

Student leadership in sustainability cannot be achieved single handed by single stakeholders. Collaboration proves a strategic avenue to develop students' leadership in SDG. Therefore, in line with 21st century learning competencies, it is essential that students are empowered to create innovation and inventions related to sustainability. It is important that students play a leading role in SDG and share with other students around Malaysia, Korea, Japan and Indonesia.

This program will feature elements of sustainable community focusing on co-curriculum activities focusing on SDG 4: Quality Education and Covid-19 pandemic. How does this pandemic affect the students in terms teaching and learning process: before, during and post Covid-19 pandemic?



Covid-19 pandemic hit globally and every country in the world make a drastic decision by closing all the education institution. The situation will not be same as before. Do our students ready for a sudden transformation caused by this pandemic especially on the co-curriculum activities? Education system need to face this challenge – the new norms of education – remote learning.

5.0 Organizer

This program is organized by the Regional Centre of Expertise Penang (RCE Penang) through Sejahtera Club (KS) in collaboration with SMK Datuk Onn, Butterworth.

6.0 Place, Date & Time

Venue: Webex – RCE@Penang

Activity I: Co-curriculum Sustainability Competition: 1st September – 24th September 2021

Activity II: Online program: 2nd October 2021; Time: 10.00 am – 1.00 pm

7.0 Target

Sejahtera Club members, students from Malaysia, Indonesia, Korea & Japan.

8.0 Theme of the Program

The theme proposed for this program is SDG 4 – Quality Education in which the aim is to “ensure inclusive and equitable quality education and promote lifelong learning opportunities for all” in dealing with Covid-19 pandemic. This program will focus on Sustainability competition focusing on the co-curriculum activities, sharing knowledge and experience about SDG 4 towards the new norms of education. The program will start on 1st September to 24th September 2021 with three competitions activities between schools in four different countries. These competition activities are organized by the school club, Uniform Unit and sports of SMK Datuk Onn, Penang as an initiative to promote sustainability and lifelong learning between schools from different countries. The winners from these competitions will share their success story and learning experience through online program, which will be held on the 2nd October 2021. The sharing sessions will involve students from four different countries. This program will benefit the target groups, which consist of various backgrounds and also community-based.

9.0 Program and Activities

The main component in this program is sharing sessions: SDG 4 – Quality Education in which the aim is to “ensure inclusive and equitable quality education and promote lifelong learning opportunities for all” in dealing with Covid-19 pandemic. RCE Penang, USM will collaborate with School club, Uniform Unit and sports of SMK Datuk Onn, Penang Malaysia in organizing the competition activities and knowledge sharing activities to support SDG 4.

There are two main activities in this program:

A. Co-curriculum Sustainability Competition

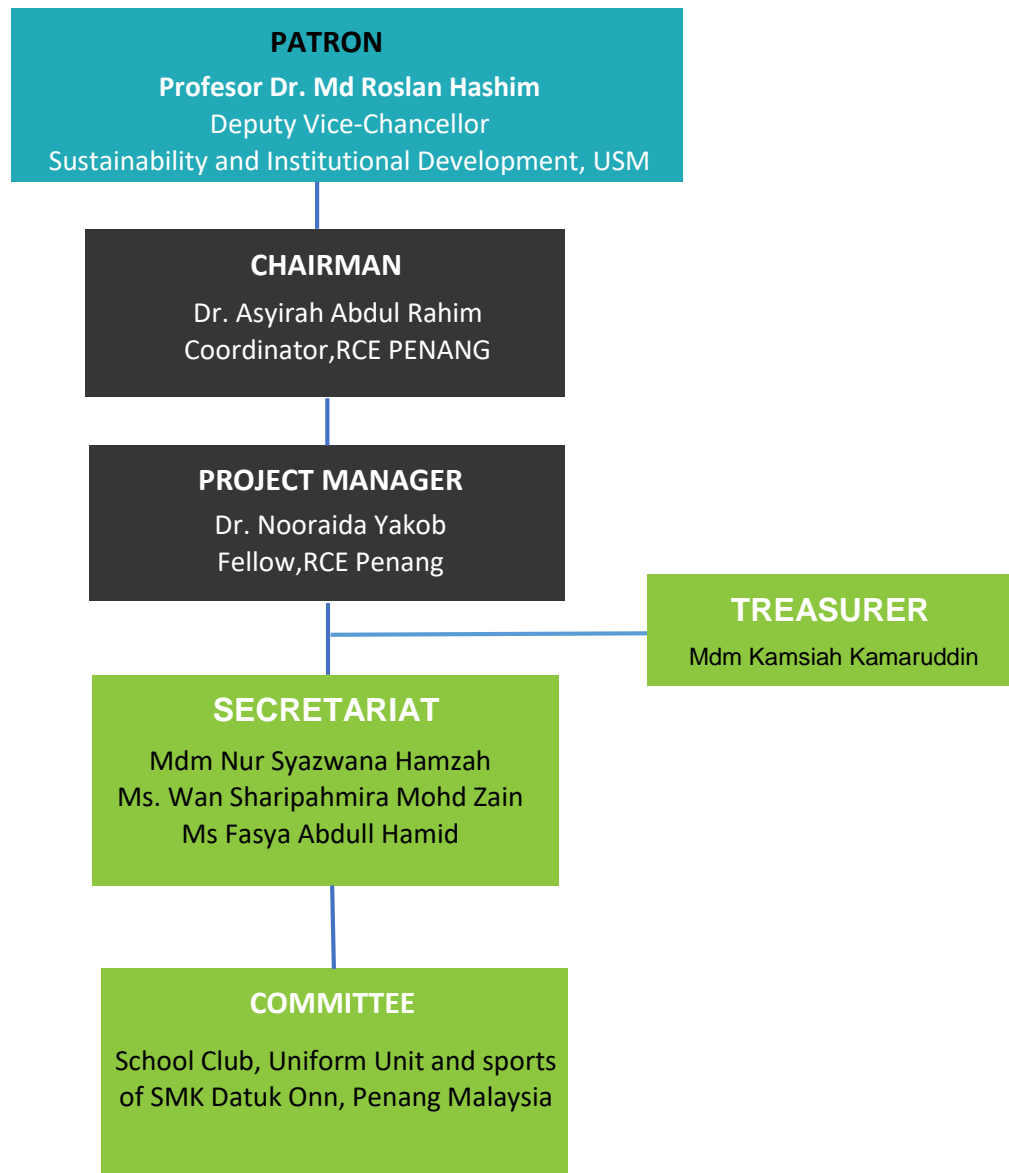
1. STEM & Innovation Smart and Creative Recycling Competition, Organized by RCE PENANG@USM in collaboration with School Club of SMK Datuk Onn, Penang Malaysia
(Refer to Attachment 1)
2. Healthy Camping No-Cook Snacks Food Competition, Organized by RCE PENANG@USM in collaboration with Uniform Unit of SMK Datuk Onn, Penang Malaysia
(Refer to Attachment 2)
3. RCE PENANG@USM-DOB 5 KM Virtual Run Challenge 2021, Organized by RCE PENANG@USM in collaboration with Co-Curriculum sport of SMK Datuk Onn, Penang Malaysia
(Refer to Attachment 3)

B. Knowledge Sharing activity through Online Program

1. Representative from RCE Penang, USM, Malaysia – Education in community during Covid-19
2. Representative from university – RCE Sejahtera Youth
3. Representative from school - Malaysia
4. Representative from school - Indonesia
5. Representative from school - Korea
6. Representative from school - Japan
6. Representative from Jabatan Alam Sekitar
7. Representative from KPDNKK HEP

10.0 Organizing Committee

10.1 Main Committee



11.0 Tentative Program

Please refer to the following table:

THEME: SDG CHALLENGE SCHOOL PROGRAM on QUALITY EDUCATION DURING COVID-19 PANDEMIC

DAY	TIME	ACTIVITY
Activity I: 1 SEPTEMBER – 24 SEPTEMBER 2021		<ol style="list-style-type: none"> 1. STEM & Innovation Smart and Creative Recycling Competition, Organized by RCE PENANG@USM in collaboration with School Club of SMK Datuk Onn 2. Healthy Camping No-Cook Snacks Food Competition Organized by RCE PENANG@USM in collaboration with SMK Datuk Onn Curriculum Unit (Uniformed Bodies) 3. RCE PENANG@USM-DOB 5 KM Virtual Run Challenge 2021 Organized by RCE PENANG@USM in collaboration with SMK Datuk Onn Curriculum Unit (Sports and Games Division)
Activity II: ONLINE PROGRAM 2 OKTOBER 2021	10.00-10.15	Welcoming Remark 1. Dr Asyirah Abdul Rahim- Coordinator RCE Penang @ USM 2. Penang State Education Department
PRESENTATION 1	10.15-10.25	Principle, SMK Dato' Onn
PRESENTATION 2	10.30 – 10.40	Representative from university – RCE Sejahtera Youth
PRESENTATION 3	10.45- 10.55	Representative From Jabatan Alam Sekitar
PRESENTATION 4	11.00- 11.15	Representative from KPNKK HEP
Winner Announcement Competition	11.20-11.35	Dr Nooraida Yakob, Fellow RCE Penang
PRESENTATION 5	11.35-11.55	Representative from school -SMK DATUK

		ONN Malaysia (Green sustainability practices in homes and schools)
PRESENTATION 6	11.55-12.10	Representative from school - Indonesia (Green sustainability practices in homes and schools)
PRESENTATION 7	12.10-12.20	Representative from school - Korea (Green sustainability practices in homes and schools)
PRESENTATION 8	12.20-12.35	Representative from school - Japan (Green sustainability practices in homes and schools)
Q&A	12.35-1.00	30 QUIZ & Photo Session
	1.00	End of Program

12.0 Conclusion

It is a hope that the objectives of this program will be achieved. This program will serve as a platform for educators, teachers, students to share their knowledge and experience in facing this new educational challenge (post Covid-19 pandemic) especially on the co-curriculum activities to ensure the goal of SDG 4 will not have left behind. It also a hope that this collaboration will be continued through the network that has been built through this program.

ATTACHMENT 1

INTERNATIONAL SDG CHALLENGE

**INTERNATIONAL STEM & INOVATION SMART AND CREATIVE RECYCLING COMPETITION,
ORGANIZED BY RCE PENANG@USM IN COLLABORATION WITH ASSOCIATION CLUB OF
SMK DATUK ONN**

DURATION : 1/9/21 – 24/9/21

NO	CONTENTS	DESCRIPTION
1	NAME OF THE COMPETITION	INTERNATIONAL STEM & INOVATION SMART AND CREATIVE RECYCLING COMPETITION, ORGANIZED BY RCE PENANG@USM IN COLLABORATION WITH ASSOCIATION CLUB OF SMK DATUK ONN STEM & INOVATION SMART AND CREATIVE RECYCLING COMPETITION, ORGANIZED BY RCE PENANG@USM IN COLLABORATION WITH ASSOCIATION CLUB OF SMK DATUK ONN
2	RULES AND REGULATION	<ol style="list-style-type: none"> 1. Categories (below 18 years old only) 2. Individual participation 3. Use only recycle items 4. Project must be the result of the participants own creation and not plagiarized. 5. Students are required to get permission from parent's/guardian's to participate in STEM & INOVATION SMART AND CREATIVE RECYCLING COMPETITION 6. Report must be in English and follow the format given by the organizer. (refer to attachment 1) 7. Report must submit in PDF format via Google Form given
3	JUDGEMENT CRITERIA	<ol style="list-style-type: none"> 1. Type of recycle item 2. Number of recycle item used 3. Project functions well 4. Creativity, authenticity of project 5. Clear and structured reports
4	PROCEDURE	<p>Step 1 – Read the terms and conditions.</p> <p>Step 2 – Run the project.</p> <p>Step 3 – Write the report.</p> <p>Step 4 – Register and submit your report via this Google Form link</p>
5	MEDIUM/ FORMAT	<ul style="list-style-type: none"> • REPORT MUST BE IN A4 SIZE AND UPLOADED IN PDF FORMAT • GOOGLE FORM – REGISTER AND UPLOAD YOUR REPORT
6	LINK GOOGLE FORM (REGISTER AND UPLOAD YOUR REPORT HERE)	<p>INTERNATIONAL GOOGLE FORM LINK https://1h4s.short.gy/stemiscr2021global</p> <p>MALAYSIA GOOGLE GORM LINK https://1h4s.short.gy/stemiscr2021</p>

ATTACHMENT REPORT FORMAT

Format of Project Report

- | |
|---|
| <ul style="list-style-type: none">- Participant names include first name, initial middle name, and family name.- School Name- Country |
|---|

Abstract of the Presentation

[Title] – Name of project
[Introduction of project] <ul style="list-style-type: none">• No of recycle item used• Type of recycle item used
[Purpose of the project]
[Procedure / Steps of project] – in point form
[Conclusion]
[Photos or pictures of final project must be attached]

Note: The entire document must not exceed 2 pages. Using “Times New Roman with 12 points” for text.

ATTACHMENT 2

**INTERNATIONAL SDG CHALLENGE
INTERNATIONAL CAMPING NO-COOK SNACKS FOOD COMPETITION ORGANISED BY RCE
PENANG@USM IN COLLABORATION WITH DATUK ONN SECONDARY SCHOOL CURRICULUM UNIT
(UNIFORMED BODIES)**

NO	CONTENTS	DESCRIPTION
1	NAME OF THE COMPETITION	<p>HEALTHY CAMPING NO-COOK SNACKS FOOD COMPETITION ORGANISED BY RCE PENANG@USM IN COLLABORATION WITH DATUK ONN SECONDARY SCHOOL CURRICULUM UNIT (UNIFORMED BODIES)</p> <p>INTERNATIONAL CAMPING NO-COOK SNACKS FOOD COMPETITION ORGANISED BY RCE PENANG@USM IN COLLABORATION WITH DATUK ONN SECONDARY SCHOOL CURRICULUM UNIT (UNIFORMED BODIES)</p>
2	REGISTRATION & SUBMISSION DATE	<p>1 September – 24 September 2021</p> <p>Please use this link to register and submit your video :</p> <p>INTERNATIONAL GOOGLE FORM LINK https://1h4s.short.gy/healthycamping2021global</p> <p>MALAYSIA GOOGLE FORM LINK https://1h4s.short.gy/healthycamping2021</p>
3	RULES AND REGULATIONS	<ol style="list-style-type: none"> 1. Participants must be below 18 years old. 2. This NO-COOK food competition is an individual category. 3. No major cooking utensils needed - minimum of knife, chopping board and basic cutleries. 4. Maximum of 5 ingredients (1 main ingredient and 4 side ingredients - leftover foods as side ingredient is encouraged). 5. Snacks can be savoury or sweets. (rolls, wraps or sandwiches) Sauces can be used and not considered as side ingredients. 6. Students are to get parent's/guardian's consent to participate in this competition. 7. Report submitted must be according to the format given by the organiser. 8. Format video- MP4 only 9. Participants are encouraged to wear uniform. 10. Pork and liquor based food are not allowed.
4	JUDGEMENT CRITERIA	<ol style="list-style-type: none"> 1. Participants with most creative and camping friendly snacks : # with the least ingredients (less than 5 ingredients) # creative 'camping' food presentation (camping environment) 2. CALORIES + NUTRIENTS - BASED ON INGREDIENTS (LEAST CALORIES + HIGHER NUTRIENTS) <p>Marks is based on the following criteria:</p> <ol style="list-style-type: none"> i. 20 % report (refer attached format) ii. 80 % video presentation (3 minutes) Please include brief explanation of : <ol style="list-style-type: none"> a. ingredients used/calories & nutrients b. practicality / functions c. procedures e. end product iii. Bonus marks will be awarded to participants wearing uniform. (Scouts/Girl Guides, etc)
	MEDIUM/ FORMAT OF VIDEO	Video size : MP4

ATTACHMENT FORMAT REPORT

FORMAT OF REPORT

<ul style="list-style-type: none">- Participant names include first name, initial middle name, and family name.- School Name- Country

Abstract of the Presentation

[Title] (NAME OF THE FOOD)
[Background]- DESCRIPTION OF THE FOOD
FUNCTION OF THE FOOD & PRACTICALITY/SUITABILITY) WITH CAMPING ENVIRONMENT
STEPS/ PROCESS (ATTACH PICTURES)
CALORIES + NUTRIENTS
THEME
[2-4 Photos or pictures can be attached here.]

Note: The entire document must not exceed 2 pages. Using “Times New Roman with 12 points” for text.

ATTACHMENT 3

INTERNATIONAL SDG CHALLENGE

RCE PENANG@USM-DOB INTERNATIONAL 5 KM VIRTUAL RUN CHALLENGE 2021 ORGANISED BY RCE PENANG@USM IN COLLABORATION WITH SMK DATUK ONN CURRICULUM UNIT (SPORTS AND GAMES DIVISION)

DURATION : 1/9/21 – 24/9/21

NO	CONTENTS	DESCRIPTION
1	NAME OF THE COMPETITION	<p>RCE PENANG@USM-DOB INTERNATIONAL 5 KM VIRTUAL RUN CHALLENGE 2021 ORGANISED BY RCE PENANG@USM IN COLLABORATION WITH SMK DATUK ONN CURRICULUM UNIT (SPORTS AND GAMES DIVISION)</p> <p>RCE PENANG@USM-DOB 5 KM VIRTUAL RUN CHALLENGE 2021 ORGANISED BY RCE PENANG@USM IN COLLABORATION WITH SMK DATUK ONN CURRICULUM UNIT (SPORTS AND GAMES DIVISION)</p>
2	RULES AND REGULATION	<ol style="list-style-type: none"> 1. Categories (under 18 years old only) 2. Virtual Challenge (One-off) 3. Students are required to get permission from parent's/guardian to participate in RCE PENANG@USM-DOB 5 KM VIRTUAL RUN CHALLENGE 2021. 4. Make sure to record your run and take note the distance and time involve 5. REMINDER : Participant can only start their running after received confirmation email from the organizer. 6. Participant must not use any tricks in completing their run such as riding in a vehicle to complete a run
3	JUDGEMENT CRITERIA	<ul style="list-style-type: none"> • Runner with the least amount of time to complete the 5km run will be declared as the winner. • If there are two or more winners with same recorded time, the winner will be chosen based on the earliest submission, so, the sooner the better!!
4	PROCEDURE	<p>Step 1 – Register your name online via this Google Form link</p> <p>Step 2 – Receive the confirmation email from us. Your name will be uploaded in our list.</p> <p>Step 3 – Begin your 5km run in one attempt – Record your run on any running app.</p> <p>Step 4 – Submit your running record via this Google Form link</p>
5	MEDIUM/ FORMAT	<p>ANY RUNNING APPS : example : ADIDAS RUNNING APPS/ STRAVA- to record your run</p> <p>GOOGLE FORM – REGISTER AND UPLOAD YOUR RECORD</p>
6	REGISTRATION LINK	<p>INTERNATIONAL REGISTRATION LINK https://1h4s.short.gy/regvcr2021global</p> <p>MALAYSIA REGISTRATION LINK https://1h4s.short.gy/regvcr2021</p>
7	SUBMISSION LINK	<p>INTERNATIONAL SUBMISSION LINK https://1h4s.short.gy/submitresult-global</p> <p>MALAYSIA SUBMISSION LINK https://1h4s.short.gy/submitresult-malaysia</p>