2027 High School Students' Conference on Inquiry and Practice in Relation to the Sustainable Development Goals

I. Project Background

In today's globalized era, sustainable development has become a common goal pursued by countries worldwide. To this end, the United Nations proposed in 2015 the "2030 Sustainable Development Goals" (SDGs), encompassing 17 core objectives aimed at addressing various challenges such as eradicating poverty, reducing inequality, and combating climate change. These goals are not only the responsibility of governments but also require the collective efforts of society, including educational institutions, businesses, and individuals.

Against this backdrop, the OECD (Organisation for Economic Co-operation and Development) has emphasized the importance of scientific literacy in cultivating students' critical thinking, problem-solving abilities, and innovative spirit. Scientific literacy is not merely about mastering scientific knowledge but also about applying this knowledge to understand and solve real-world problems, especially when facing global challenges.

This event aims to integrate the SDGs and OECD's international scientific literacy by enhancing students' understanding of sustainable development issues and their problem-solving skills through inquiry and practical activities. It is hoped that, through such activities, we can nurture future leaders with a global perspective and a sense of social responsibility.

The event will be divided into international and domestic groups, with presentations conducted in English and Chinese, respectively. Students in the international group will have the opportunity to interact with peers from different countries, sharing their achievements in sustainable development and scientific inquiry, thereby broadening their international horizons. Students in the domestic group, on the other hand, will focus on presenting their learning outcomes in inquiry and practice.

It is believed that through such activities, we can not only enhance students' scientific literacy and practical abilities but also inspire their passion and sense of responsibility towards sustainable development. It is our hope that every participant will gain valuable insights in the process and apply what they have learned to their future studies and lives, as an effort to contribute to achieving the 2030 Sustainable Development Goals.

II. Project Objectives

(I) Enhancing Students' Understanding of Sustainable Development Issues:
By integrating the SDGs and OECD's international scientific literacy, the event helps students gain a deep understanding of the challenges and opportunities in global sustainable development, fostering their sense of social responsibility.

(II) Cultivating Students' Scientific Literacy and Practical Skills:
Through inquiry and practical activities, this event helps strengthen students' critical thinking, problem-solving abilities, and innovative spirit, enabling them to apply scientific knowledge to solve real-world problems.

(III) Promoting International Exchange and Cooperation:
This event serves to provide opportunities for students in the international group to interact with peers from different countries and share their achievements in sustainable development and scientific inquiry, broaden their international perspectives, and promote cross-cultural understanding and cooperation.

III. Organization

(I) Supervisor: K-12 Education Administration, Ministry of Education

(II) Organizer:
Curriculum Center for Inquiry and Practice, South Branch, CCIP
National Tainan First Senior High School
National Alumni Association of National Tainan First Senior High School, Republic of China

IV. Eligibility：

(I) International Schools:
The upper secondary school students (grade 10-12) with enrollment in their respective

countries. Participation is by invitation, with one team per school. Each team consists of one advisor and 1-4 students.

(II) Domestic Schools:
The upper secondary school students (grade 10-12) with Republic of China (Taiwan) nationality. Participation is by registration, with one teams per school. Each team consists of one advisor and 1-4 students.

V. Event Schedule：

(I) Check-in Time / Location：
(A) Participants from International Schools:
July 4, 2027 (Sunday) 18:00-19:30 The hotel lobby in Tainan City. Further details will be provided upon confirmation.
(B) Participants from Domestic Schools:
July 5, 2027 (Monday) 8:40-9:00 National Tainan First Senior High School.

(II) Event Dates：
(A) Participants from International Schools:
July 5, 2027 (Monday) 9:00-20:30
July 6, 2027 (Tuesday) 9:00-21:30
July 7, 2027 (Wednesday) 9:00-15:00
(B) Participants from Domestic Schools:
July 5, 2027 (Monday) 9:00-18:00

VI. Accommodation：

(I) Participants from International Schools:
Accommodation will be arranged by the organizer, from July 4, 2027 (Sunday) to July 7, 2027 (Wednesday), for a total of 3 nights.

(II) Participants from Domestic Schools:
Accommodation will be arranged by the participants.

VII. Shuttle Service：

(I) Participants from International Schools:
(A) Arrival: Shuttle service is not provided for arrival. Please proceed directly to the designated hotel.
(B) Departure:
July 7, 2027 (Wednesday) at 15:00, Shuttle bus departs from the visit location and arrives at Tainan High-Speed Rail Station / Tainan Railway Station.

(II) Participants from Domestic Schools:
Transportation will be arranged by the participants.

VIII. Registration Deadlines：From now until February 26, 2027 (Friday).

IX. Registration Link：https://forms.gle/3en9tPPb721BcGvU8

X. Online Briefing on Submission Requirements:

Please assign a representative to attend the Online Briefing on Submission Requirements on March 13, 2027 (Saturday) from 10:00 to 11:30. Google Meet link: https://meet.google.com/xqe-kzwy-ets

XI. Submission of Materials

Inquiry and practice learning outcomes should preferably focus on themes related to the school's local area, not limited to natural or social sciences, with interdisciplinary inquiry and practice outcomes encouraged. Students should introduce the inquiry theme from their perspective and explain their inquiry process, learning outcomes, and self-reflection.

(I) Handbook Form:
- Please provide the WORD (.docx or .doc) and PDF files, as well as the original photo files of the outcomes.
- Please refer to Attachment I for the format.

(II) Poster Form:
- Please provide the WORD (.docx or .doc) and PDF files, as well as the original photo files of the outcomes.
- Please refer to Attachment II for the format.

(III) Presentation Slides:
- Please provide a PDF file.
- The presentation should be 10 minutes long.

(IV) Authorization Consent Form:
- Please provide a PDF file.
- Please refer to Attachment III for the format.

(V) Submission Deadline：From now until May 20, 2027 (Thursday).

(VI) Submission Link：https://forms.gle/LvGvLYVuMqKZZPjcA

(VII) Evaluation and Selection：

(A) Participants from International Schools:
Invited participants are not required to undergo evaluation and are invited to present on-site on July 5, 2027 (Monday).

(B) Participants from Domestic Schools:
- Experts and scholars will be invited to review and evaluate the learning outcomes and presentations submitted for Inquiry and Practice Learning Outcomes.
- The evaluation will be based on the learning outcomes (50%) and the presentations (50%).
- The list will be announced on June 18, 2027 (Friday) on the websites of National Tainan First Senior High School and the Curriculum Center for Inquiry and Practice, South Branch, CCIP.
- The on-site presentation will take place on July 5, 2027 (Monday).

XII. Online Briefing on Presentation Schedule:

For domestic schools, teams selected by experts and scholars are requested to assign a representative to attend the Online Briefing on Presentation Schedule on June 26, 2027 (Saturday) from 10:00 to 11:30. Google Meet link: https://meet.google.com/eir-jppz-wtg

XIII. On-Site Presentation

(I) Presentation Time: July 5, 2027 (Monday).
Each group is allowed no more than 10 minutes' presentation time.

(II) Presentation Equipment:
The presentation will be conducted using the equipment provided by the organizer.

(III) Presentation Evaluation(International Group) :
Experts and scholars will be invited to evaluate based on the following criteria: time management (10%), oral expression (20%), presentation content (35%), and stage manner (35%).

XIV. Rewards

The conference will provide certificates of participation to the registered teams. Additionally, on the day of the presentation, July 5, 2027 (Monday), certificates of excellence will be awarded to outstanding teams selected by experts and scholars.

XV. Additional Notes

(I) The presentation order and pre-departure briefing will be posted on the websites of National Tainan First Senior High School and the Curriculum Center for Inquiry and Practice, South Branch, CCIP. Please stay tuned for relevant information.

(II) All presentation works will be compiled by the conference into an electronic handbook. Additionally, the learning process and presentation content will be published on the websites of the Curriculum Center for Inquiry and Practice, South Branch, CCIP.

(III) Please ensure that the works are publicly shareable during the event. If any materials, including video or audio works, are cited, please indicate the sources to facilitate the event.

(IV) Reference Materials from Previous Conferences:

(I) 2026 Roll-up Banners & Handbook: https://drive.google.com/drive/folders/1xo2qg4di7PHzObQdyOhccwbArFzMMeUJ?usp=sharing

(II) 2025Presentation Live Streams: https://youtube.com/playlist?list=PLxh2CdkXSbrIUORy10vyM3iPbNgnm_PlI&si=UXrSmqMkcd-wYJPJ

(III) The organizers reserve the right to make final modifications and changes to the content of this event. If there are any changes, additional information will be sent to the teachers' contact email addresses.

XVI. Event Agenda

Day 1：July 5, 2027 (Monday)	
Time	Agenda
08:40-09:00	Registration
09:00-09:20	**Opening Ceremony**
09:20-10:00 (40mins)	**Keynote Speech**
10:00-10:10	Tea Break
10:10-12:00 (110mins)	**International Group (Presentation in English)**
12:00-13:30	Lunch Break
13:30-15:00 (90mins)	**International Group (Presentation in English)**
15:00-15:15	Tea Break
15:15-16:45 (90mins)	**International Group (Presentation in English)**
16:45-17:20	Roll-up Banner Presentation
17:20-18:00	**Closing Ceremony**
18:00-20:30	Dinner Party (exclusively for students and teachers from international schools)
Day 2：July 6, 2027 (Tuesday , exclusively for students and teachers from international schools)	
Time	Agenda
08:30-09:00	Registration
09:00-10:00	**SDGs Field Visits**
10:00-12:00	**Thematic Lecture**
12:00-13:30	Lunch
13:30-16:00	**Hands-on Group Activity**
18:00-21:30	For International School Students─ Night Market Tour For International School Teachers─ Dinner Banquet

Day 3：July 7, 2027 (Wednesday, exclusively for students and teachers from international schools)	
Time	Agenda
08:30-09:00	Registration
09:00-11:30	**Cultural Visit**
11:30-13:00	Lunch Break
13:00-14:30	**Cultural Visit**
15:00	Shuttle Service: Visit Locations to Tainan HSR or TRA Station

Attachment I

2027High School Students' Conference on Inquiry and Practice in Relation to the Sustainable Development Goals (SDGs) Handbook Form (International Group)

School Name	
Contact Person	Name: Position: Office Phone: Mobile Phone: Email:
Title of Research	
SDGs Aspects	☐Social Progress ☐Environmental Protection ☐Economic Growth
Instructor's Name	
Students' Names	

- Margins should be set as follows: left 1.8 cm, right 1.6 cm, top 2.1 cm, and bottom 1 cm.
- Use Times New Roman font, size 12, with a fixed line spacing of 12 points.
- The total text should be limited to **2,000** words, and the number of figures (including photos, images, and tables) should not exceed six.
- The combined text and figures must fit within four pages; any excess content will not be printed.

The sections highlighted in gray are writing suggestions and should **not** be included in the main text.

I. Topic Overview:

Please provide a brief summary of the chosen topic, highlighting its significance and specific goals you aim to achieve.

II. Exploration Process:

(I) I Idea Generation and Selection:

Please explain how you developed and finalized your exploration topic.

(II) Description of the Exploration Process:

Please outline the step-by-step process you followed during exploration, including research, data collection, experiments, or any other relevant activities undertaken.

(III) Challenges Encountered:

Please discuss the challenges you faced during exploration, such as limited resources, time constraints, or technical difficulties.

(IV) Problem-Solving Journey:

Please share how you overcame the challenges encountered during the exploration process. This section will highlight your problem-solving strategies, innovative approaches, or collaborations that helped you overcome obstacles.

III. Learning Outcomes:

(I) Description of Outcomes:

Please present a comprehensive description of your learning outcomes, explaining the findings or solutions you obtained through exploration.

(II) Things Worth Sharing:

Please highlight specific aspects of your learning outcomes that you believe are worth sharing, such as innovative ideas, unique approaches, or significant contributions to the chosen topic.

IV. Reflection:

(I) Areas for Improvement:

Reflect on the exploration process and identify areas that could be improved. This may include modifications to methodology, data analysis, or other aspects of the exploration.

(II) Potential Extensions:

Discuss areas within your topic that could be further explored or expanded upon.

(III) Relevance to Future Exploration Topics:

Reflect on how your exploration and learning experiences have contributed to your understanding of other potential exploration topics. Discuss the knowledge, skills, or insights gained that could be applied to future exploration projects.

Photos, images, and tables should include descriptive captions. To ensure print quality, please upload 3–6 original files via the Google Form (each with a clear subject and a minimum file size of 1.2 MB). Any portion exceeding the specified amount will not be published.

Photo	Photo	Photo
Description	Description	Description
Photo	Photo	Photo
Description	Description	Description

Link/ QR-code to Extra Materials

Attach here links or QR-codes for supporting materials or videos related to learning outcomes.

Attachment II

2027High School Students' Conference on Inquiry and Practice in Relation to the Sustainable Development Goals (SDGs) Poster Form (International Group)

School Name	
Contact Person	Name: Position: Office Phone: Mobile Phone: Email:
Title of Research	
SDGs Aspects	☐Social Progress ☐Environmental Protection ☐Economic Growth
Instructor's Name	
Students' Names	

- The total text should be limited to **1,000** words, and the number of figures (including photos, images, and tables) should not exceed six.

The sections highlighted in gray are writing suggestions and should **not** be included in the main text.

V. Topic Overview:

Please provide a brief summary of the chosen topic, highlighting its significance and specific goals you aim to achieve.

VI. Exploration Process:

(V) I Idea Generation and Selection:

Please explain how you developed and finalized your exploration topic.

(VI) Description of the Exploration Process:

Please outline the step-by-step process you followed during exploration, including research, data collection, experiments, or any other relevant activities undertaken.

(VII) Challenges Encountered:

Please discuss the challenges you faced during exploration, such as limited resources, time constraints, or technical difficulties.

(VIII) Problem-Solving Journey:

Please share how you overcame the challenges encountered during the exploration process. This section will highlight your problem-solving strategies, innovative approaches, or collaborations that helped you overcome obstacles.

VII.Learning Outcomes:

(III) Description of Outcomes:

Please present a comprehensive description of your learning outcomes, explaining the findings or solutions you obtained through exploration.

(IV) Things Worth Sharing:

Please highlight specific aspects of your learning outcomes that you believe are worth sharing, such as innovative ideas, unique approaches, or significant contributions to the chosen topic.

VIII. Reflection:

(IV) Areas for Improvement:

Reflect on the exploration process and identify areas that could be improved. This may include modifications to methodology, data analysis, or other aspects of the exploration.

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Discuss areas within your topic that could be further explored or expanded upon.

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Reflect on how your exploration and learning experiences have contributed to your understanding of other potential exploration topics. Discuss the knowledge, skills, or insights gained that could be applied to future exploration projects.

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Photo	Photo	Photo
Description	Description	Description
Photo	Photo	Photo
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Link/ QR-code to Extra Materials

Attach here links or QR-codes for supporting materials or videos related to learning outcomes.

Attachment III

2027 High School Students' Conference on Inquiry and Practice in Relation to the Sustainable Development Goals (SDGs) Authorization Consent (International Group)

I, _____(hereinafter referred to as "the undersigned"), hereby agree to participate in the "2027 High school students' conference on inquiry and practice in relation to the Sustainable Development Goals (SDGs)".

I agree to and acknowledge the following terms:

I. The authorization for public transmission and unrestricted access by the general public through various media.
II. The right to appropriately edit and modify the authorized material.
III. The perpetual and free authorization to "National Tainan First Senior High School" and its affiliated institutions for unlimited time and usage, including public broadcasting, public display, public presentation, distribution, and publication.
IV. The authorization period is indefinite, and the authorized region is Taiwan.
V. Any matters not covered in this authorization shall be handled in accordance with relevant laws and regulations. In case of any doubts or disputes, they shall be resolved through mutual agreement between the authorizer and this school. Any changes or additions to the content of this authorization shall require written consent from both the authorizer and this school.

Signatory:
ID/Passport Number:

Legal Guardian:
ID/Passport Number:
Date:
(Date/Month/Year)