

# **2025 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 living out 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. Event Details**

### **(I) Eligibility :**

- A. International Schools: 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 1-5 students.
- B. Domestic Schools: upper secondary school students (grade 10-12) with Republic of China (Taiwan) nationality. Participation is by registration, with each team consisting of 1-4 students.

### **(II) Event Schedule :**

#### **A. Check-in Time / Location :**

- (A) Participants from International Schools:  
July 1, 2025 (Tuesday) 13:00-16:00 / Participants will be notified of the check-in location at a later date.
- (B) Participants from Domestic Schools:  
July 2, 2025 (Wednesday) 8:40-9:00 / National Tainan First Senior High School.

#### **B. Event Dates :**

- (A) Participants from International Schools:  
July 2, 2025 (Wednesday) 9:00-20:30  
July 3, 2025 (Thursday) 9:00-20:30  
July 4, 2025 (Friday) 9:00-15:00
- (B) Participants from Domestic Schools:  
July 2, 2025 (Wednesday) 9:00-17:30

### **(III) Accommodation :**

- A. Participants from International Schools:  
Accommodation will be arranged by the organizer, from July 1, 2025 (Tuesday) to July 4, 2025 (Friday), for a total of 3 nights.
- B. Participants from Domestic Schools:  
Accommodation will be arranged by the participants.

### **(IV) Shuttle Service :**

- A. Participants from International Schools:
  - (A) Arrival:  
July 1, 2025 (Tuesday), from Tainan High-Speed Rail Station to National Tainan First Senior High School.
  - (B) Departure:  
July 4, 2025 (Friday), from the visit location to Tainan High-Speed Rail Station.
- B. Participants from Domestic Schools:  
Transportation will be arranged by the participants.

## **V. Registration**

### **(I) Registration Categories :**

A. Participants from International Schools:

Inquiry and Practice Learning Outcomes--International Group (Presentation in English)

B. Participants from Domestic Schools:

(A) Inquiry and Practice Learning Outcomes--International Group (Presentation in English)

(B) Inquiry and Practice Learning Outcomes--Domestic Group (Presentation in Chinese)

(II) Registration Deadlines and Links :

A. Inquiry and Practice Learning Outcomes--International Group (Presentation in English):

(A) To accommodate the holiday schedules and administrative timelines of foreign schools, the registration deadline has been extended to February 4, 2025 (Tuesday).

(B) Registration link: <https://forms.gle/vKpnNuCpdM8SFBFCA>

B. Inquiry and Practice Learning Outcomes Domestic Group (Presentation in Chinese):

(A) From now until March 31, 2025 (Monday).

(B) Please submit the registration form along with the required materials.

(C) Registration link: <https://forms.gle/R2aoB4mgsKegdRra7>

## VI. Online Briefing

(I) Participants from International Schools:

Please participate in the online briefing for submitting materials on January 10, 2025 (Friday). A Google Meet link will be provided after registration is completed. A recording link will also be provided after the briefing for future reference.

(II) Participants from Domestic Schools registered for the Inquiry and Practice Learning Outcomes—International Group (Presentations in English) :

A. Please participate in the online briefing for submitting materials on January 10, 2025 (Friday). A Google Meet link will be provided after registration is completed.

B. Winning teams selected by experts and scholars are requested to send representatives to participate in the online briefing on April 25, 2025 (Friday). A Google Meet link will be provided then.

(III) Participants from Domestic Schools registered for the Inquiry and Practice Learning Outcomes—Domestic Group (Presentations in Chinese):

Winning teams selected by experts and scholars are requested to send representatives to participate in the online briefing on April 25, 2025 (Friday). A Google Meet link will be provided then.

## VII. 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) Poster Form:

Please provide a WORD file (.docx or .doc) and original photos of the outcomes. Please refer to Attachment I for the format.

(II) Presentation Slides:

Please provide a PDF file. The presentation should be 10 minutes long.

(III) Authorization Consent Form:

Please provide a PDF file. Please refer to Attachment II for the format.

(IV) Submission Deadlines and Links :

A. Inquiry and Practice Learning Outcomes--International Group (Presentation in English):

(A) From now until March 31, 2025 (Monday).

(B) Submission link: <https://forms.gle/9nQWRNUS3ioChRfUA>

B. Inquiry and Practice Learning Outcomes--Domestic Group (Presentation in Chinese):

(A) From now until March 31, 2025 (Monday).

(B) Submission link: <https://forms.gle/R2aoB4mgsKegdRra7>

### **VIII. Evaluation and Selection**

(I) Participants from International Schools:

Invited participants are not required to undergo evaluation and are invited to present on-site on July 2, 2025 (Wednesday).

(II) Participants from Domestic Schools:

Experts and scholars will be invited to review and evaluate the learning outcomes and presentations submitted by the International Group (presentations in English) and the Domestic Group (presentations in Chinese) for Inquiry and Practice Learning Outcomes. The evaluation will be based on the learning outcomes (50%) and the presentations (50%).

(III) From the teams registered by Participants from Domestic Schools, 9 teams for the International Group (presentations in English) and 48 teams for the Domestic Group (presentations in Chinese) will be selected, respectively, for Inquiry and Practice Learning Outcomes. The number of selected teams may be adjusted based on the actual participation. The list will be announced on April 18, 2025 (Friday) on the websites of National Tainan First Senior High School and the Curriculum Center for Inquiry and Practice, South Branch, CCIP .

(IV) The teams registered by Participants from Domestic Schools and selected by experts and scholars for the International Group (presentations in English) and the Domestic Group (presentations in Chinese) for Inquiry and Practice Learning Outcomes are requested to send representatives to participate in a presentation briefing on April 25, 2025 (Friday). The conference will provide the Google Meet link at a later date.

(V) All presented works will be compiled into a booklet by the conference and provided to the presenting teams. Additionally, the learning process and presentation content will be published on the websites of the Curriculum Center for Inquiry and Practice, South Branch, CCIP.

(VI) The presenting teams are requested to present on-site on July 2, 2025 (Wednesday). 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.

(VII) 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.

### **IX. On-Site Presentation**

(I) Presentation Time:

Each group is allowed no longer 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):

On the day of the presentation, July 2, 2025(Wednesday), 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%).

## X. Rewards

- (I) Inquiry and Practice Learning Outcomes--International Group (Presentation in English)  
The conference will provide certificates of participation to the registered teams. Additionally, on the day of the presentation, July 2, 2025 (Wednesday), certificates of excellence will be awarded to outstanding teams selected by experts and scholars.
- (II) Inquiry and Practice Learning Outcomes--Domestic Group (Presentation in Chinese)  
The conference will provide certificates of participation to the registered teams. After evaluation by experts and scholars, the teams presenting on July 2, 2025 (Wednesday), will be awarded certificates of excellence.
- (III) Faculty and staff co-organizing this event will be rewarded according to relevant regulations by their respective schools.

## XI. Event Agenda

Day 1 : July 2, 2025		
Time	Agenda	
08:40-09:00	<b>Registration</b> Main Venue —5F, Art Building Sub-Venue (Virtual Viewing)—B1 Audio-Visual Classroom 2, Science Building	
09:00-09:20	<b>Opening Ceremony</b> Main Venue —5F Concert hall, Art Building Sub-Venue (Virtual Viewing)—B1 Audio-Visual Classroom 2, Science Building	
09:20-10:00 (40mins)	<b>Keynote Speech</b> Main Venue —5F Concert hall, Art Building Sub-Venue (Virtual Viewing)—B1 Audio-Visual Classroom 2, Science Building	
10:00-10:10	Tea Break 5F, Art Building	
10:10-12:30 (140mins)	<b>International Group (Presentation in English)</b> 5F Concert hall, Art Building	<b>Sharing of Inquiry and Practice Courses</b> B1 Audio-Visual Classroom 2, Science Building
12:30-13:30	Lunch Break International Group (Presentation in English) —Small Hall Domestic Group (Presentation in Chinese)—B1 Study Centre ,Teaching Building	
13:30-15:00 (90mins)	<b>International Group (Presentation in English)</b> 5F Concert hall, Art Building B1 Audio-Visual Classroom 1&2, Science Building	<b>Domestic Group (Presentation in Chinese)</b> 2-4F Laboratory, Science Building
15:00-15:15	Tea Break 5F, Art Building	Roll-up Banner Presentation Corridor of 2-4F Laboratory, Science Building
15:15-16:45 (90mins)	<b>International Group (Presentation in English)</b> 5F Concert hall, Art Building B1 Audio-Visual Classroom 1&2, Science Building	<b>Domestic Group (Presentation in Chinese)</b> 2-4F Laboratory, Science Building
16:45-17:20	Roll-up Banner Presentation 5F Concert hall, Art Building	<b>Closing Ceremony</b> B1 Audio-Visual Classroom 2, Science Building
17:20-18:00 (40mins)	<b>Closing Ceremony</b> 5F Concert hall, Art Building	
18:00-20:30	Dinner Party (exclusively for students and teachers from international schools)	
Day 2 : July 3, 2025 (Thursday , exclusively for students and teachers from international schools)		
Time	Agenda	

08:30-09:00	<b>Registration</b> National Cheng Kung University			
09:00-10:00	<b>SDGs On-Site Visit</b> Guided Tour of National Cheng Kung University Campus & Visit to the Disaster Prevention Research Center, NCKU			
10:00-11:00	<b>SDGs Thematic Lecture</b> National Cheng Kung University			
11:00-12:00	<b>Academic Ethics in AI</b> National Cheng Kung University			
12:00-13:30	Lunch Break National Cheng Kung University Li-Hsing Campus ( the College of Social Science )			
13:30-17:00	<b>Group Discussion</b> National Cheng Kung University Li-Hsing Campus ( the College of Social Science )			
	<b>Students</b>			<b>Teachers</b>
	<b>Social Progress</b>	<b>Environmental Protection</b>	<b>Economic Growth</b>	<b>Sharing of Inquiry and Practice Courses</b>
17:30-20:30	For International School Students—Night Market Tour For International School Teachers—Dinner Banquet			
<b>Day 3 : July 4, 2025 (Thursday , exclusively for students and teachers from international schools)</b>				
<b>Time</b>	<b>Agenda</b>			
9:00-09:30	<b>Registration</b>			
09:30-11:30	<b>Cultural Visit</b>			
11:30-13:00	Lunch Break			
13:00-15:00	<b>Cultural Visit</b>			
15:00	Shuttle Service: Visit Locations to Tainan High-Speed Rail Station			

## XII. Other Notes

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.

# 2025 High 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	<input type="checkbox"/> Social Progress <input type="checkbox"/> Environmental Protection <input type="checkbox"/> Economic Growth
Instructor's Name	
Students' Names	

**Here is a suggested English translation of the given content,  
with a total word count of 500-750 words**

## **I. Overview of the Topic for Exploration:**

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

## **II. Exploration Process:**

### **(I) Idea Generation and Confirmation:**

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:**

<p>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.</p> <p>(II) Potential Extensions: Discuss areas within your topic that could be further explored or expanded upon.</p> <p>(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.</p>		
<p>Please provide captions for the photos. To ensure clear image resolution when printing, please upload photos of the original file separately on the Google Form. The photos should have a clear subject and be at least 1.2MB in size.</p>		
Photo	Photo	Photo
Description	Description	Description
Photo	Photo	Photo
Description	Description	Description
<p>Link/ QR-code to Extra Materials Attach here links or QR-codes for supporting materials or videos related to learning outcomes.</p>		



**2025 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 "2025 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)