

2025 High School Students' Conference on Inquiry and Practice in Relation to the Sustainable Development Goals

Day 1 : July 2, 2025 (Wednesday)	
Time	Agenda
08:40-09:00	Registration 5F Conference Hall, Art Building
09:00-09:20	Opening Ceremony 5F Conference Hall, Art Building
09:20-10:00 (40mins)	Keynote Speech Development and Challenge of Green Materials Professor Chen, Wen-Chang Principal of National Taiwan University 5F Conference Hall, Art Building
10:00-10:10	Tea Break 5F Conference Hall, Art Building
10:10-12:30 (140mins) 10 minutes per group	International Group (Presentation in English) 5F Conference Hall, Art Building
	Soaring Like an Eagle: Exploration of Self-Made Eco-Friendly Blades for Small Wind Turbines. Taichung First Girls' Senior High School Taichung First Senior High School National Taichung Industrial High School
	Self-assembly Nanoparticles for Targeted Photodynamic Cancer Therapy. Surawiwat School, Suranaree University of Technology
	Enhancing Inclusive Education: LLM-Based AI and Tactile Learning for Visually Disabled Students. National Tainan First Senior High School
	Happy Paper - Happy Planet: A Case Study At Experimental High School Ho Chi Minh City University Of Education. Experimental High School Ho Chi Minh City University of Education
	Research on Developing an Intelligent Energy-Saving Airflow Contrl System. National Tainan First Senior High School
	Exploring a Sustainable Future Through Paint Experiments. Sendai Seiryō Secondary School
	Juicy Solar Cell: Fruitful Innovations for for Clean Energy. Kaohsiung Municipal Kaohsiung Senior High School
	Fusion of Eco and Technology – Racing Towards the Future with Scrap Buggy. Kaishin High School
	Investigating the Effects of Temperature and Salinity Variations on Shellfish and Algae Caused by Extreme Climate Change Events. Deguang Catholic High School
	Comparative Study on Energy Conversion Efficiency of Coconut Processing Waste and Bagasse Biomass in Malaysia. Kuen Cheng High School
12:30-13:30	Lunch Break Small Hall

13:30-15:00 (90mins) 10 minutes per group	<p align="center">International Group (Presentation in English) 5F Conference Hall, Art Building</p> <p align="center">Discovery the current situation of the aquavoltaics projects near Yong-An fishing port. Kaohsiung Municipal Kaohsiung Senior High School</p> <p align="center">Integrating Sustainability in Secondary Education: A Study of High School Students' Awareness and Actions Toward the SDGs in Vietnam. Can Tho University Elite high school</p> <p align="center">Ensuring environmental sustainability – application of urban wind turbines. National Tainan First Senior High School</p> <p align="center">Biomass Fuel from Wastes and How It Could Contribute to the SDGs. Komaba Toho Junior&Senior High School</p> <p align="center">Stray Animals in Taiwan: Challenges, Policies and Ethical Dilemmas. National Tainan First Senior High School</p> <p align="center">Waste-to-Energy: Advancing Sustainable Solutions for Vietnam's Waste Management Challenges. Lawrence S. Ting School</p>
	<p align="center">International Group (Presentation in English) B1 Audio-Visual Classroom 1, Science Building</p> <p align="center">Application and Development of AI Digital Healthcare in Taiwan. Taichung Municipal Wen-Hua Senior High School</p> <p align="center">Tackling over-tourism in Kyoto City and promoting tourist development in Kizugawa City. Kyoto Prefectural Toba High School</p> <p align="center">Kaohsiung Main Station Business District's Decline and Solutions. Kaohsiung Municipal Kaohsiung Senior High School</p> <p align="center">Regional revitalization by "Fruit Roots" Kunori Gakuen Senior High School</p> <p align="center">A Brief Analysis of the Current Development of Taiwanese Opera: Taking Ming Hwa Yuan for Example. National Chao-Chou Senior High School</p>
	<p align="center">International Group (Presentation in English) B1 Audio-Visual Classroom 2, Science Building</p> <p align="center">Traffic problems of the Yule Street. National Tainan First Senior High School</p> <p align="center">DiverCity – Focusing on Islam. Miyagi First Senior High School</p> <p align="center">Understanding Public Perception of New Immigrants in Taiwan. Kaohsiung Municipal Kaohsiung Girls' Senior High School</p> <p align="center">What Are the Practical Needs You Are Hungry for? Unveiling the Demanded Resources of Rural Junior High Schools: A Case of Study in Taichung City. Taichung Municipal Wen-Hua Senior High School</p> <p align="center">The evolution of trust.</p>

	National Tainan First Senior High School
15:00-15:15	Tea Break
15:15-16:45 (90mins) 10 minutes per group	International Group (Presentation in English) 5F Conference Hall, Art Building
	Survey on the Interaction Between Taiwanese Macaques and Humans in the Chaishan Area. Kaohsiung Municipal Kaohsiung Senior High School
	Project Demeter. UST Angelicum College
	The Enantioselectivity of Radical Alkylation using Chiral-ligand Ni Catalyst. National Tainan First Senior High School
	Coexistence or Destruction?—Exploring the Phenomenon of Rampant Monkeys in Chinese High School Batu Pahat, Malaysia, and Solutions. Chinese High School Batu Pahat Johor
	Exploratory Research Study on the Reconstruction of TYAI Campus Boundary Walls and City Greenway. The Affiliated Tao-Yuan Agricultural & Industrial Senior High School of National Taipei University of Technology
	International Group (Presentation in English) B1 Audio-Visual Classroom 1, Science Building
	Sustainable Kobe: A model for future-proof urban development. Kobe city municipal Fukiai senior high school
	Go!! Rocket on Fire!! The Affiliated Tao-Yuan Agricultural & Industrial Senior High School of National Taipei University of Technology
	Black Soldier Flies — The Future Alternative to Eliminate Food Waste. G.T. (Ellen Yeung) College
	When the Earth sets its price: a transaction that proves carbon reduction can be a more efficient transaction. National Experimental High School at Hsinchu Science Park
	Analysis on Urban Planning Zoning in Tainan City—Using Telecommunication Signaling Demographic Data. Deguang Catholic High School
	International Group (Presentation in English) B1 Audio-Visual Classroom 2, Science Building
	Understanding The Decline In Face-To-Face Communication Among Teenagers. Riam Road Secondary School
	Campus water quality monitoring system. Kaohsiung Municipal Cian-jhen Senior High School
	Enhancing Access to Learning Resources for Children with Physical Disabilities from Low- to Middle-Income Households in Vietnam. Lawrence S. Ting School

	Comparison of Different Types High School Student Sleep Time and Analyzing Factors of Effects Including Community High School, College-preparatory High School and Vocational High School and Junior College. Kaohsiung Municipal Kaohsiung Senior High School Sports and our mental health — Can sports improve our self-esteem? — Fujieda Higashi High School	
16:45-17:20	Roll-up Banner Presentation	
17:20-18:00 (40mins)	Closing Ceremony	
Day 2 : July 3, 2025 (Thursday , exclusively for students and teachers from international schools)		
Time	Agenda	
08:30-09:00	Registration 3F, Main Lecture Hall, North Building, College of Social Sciences, Li-Hsing Campus	
09:00-09:20	Opening Remarks & Introduction to National Cheng Kung University Office of International Affairs, NCKU 3F, Main Lecture Hall, North Building, College of Social Sciences, Li-Hsing Campus	
09:20-10:20 (60 mins)	Artificial Intelligence in Public Governance: Brilliant Future or Miserable World? Yi-Fan Wang Assistant Professor, Department of Political Science, NCKU 3F, Main Lecture Hall, North Building, College of Social Sciences, Li-Hsing Campus	
10:20-10:30	Break 3F, Main Lecture Hall, North Building, College of Social Sciences, Li-Hsing Campus	
10:30-11:30 (60 mins)	Makerspace × SDGs: Small Models, Big Future Steven Yueh Jen Lai Associate Professor, Department of Hydraulic and Ocean Engineering, and Deputy Director, Disaster Prevention Education Center, NCKU 3F, Main Lecture Hall, North Building, College of Social Sciences, Li-Hsing Campus	
11:50-13:00	Lunch College of Social Sciences, Li-Hsing Campus	
13:10-15:00 (110mins)	Teachers	The event details are yet to be determined.
	Students	IQ light and Euler characteristic Yu-Chen Shu(Main Speaker) Associate Professor, Department of Mathematics, NCKU／Director of the Master's Program in Intelligent Computing, Miin Wu School of Computing, NCKU Collaborative Session Speaker : To be confirmed (3 person needed) 2F, Science Education Center, Physics and Chemistry Building, Cheng-Kung Campus
15:15-17:00 (105 mins)	Group Discussion College of Social Sciences, Li-Hsing Campus	
	Teachers	Sharing of Inquiry and Practice Courses
	Students	Economic Development and Growth Chon-Kit Ao Main Speaker : Associate Professor, Department of Economics, NCKU Collaborative Session Speaker : To be confirmed (1 person needed)
		Sustainable Cities and Infrastructure Kuang-Yen Liu Main Speaker : Associate Professor, Department of Civil Engineering, NCKU Collaborative Session Speaker : To be confirmed (1 person needed)
		Environmental Protection Jyh-Wei Shin Main Speaker : Professor, Department of Parasitology, NCKU Collaborative Session Speaker : To be confirmed (1 person needed)

17:30-20:30	For International School Students—Night Market Tour For International School Teachers—Dinner Banquet
Day 3 : July 4, 2025 (Friday , exclusively for students and teachers from international schools)	
Time	Agenda
9:00-09:30	Registration
09:30-11:30	Visit to Sites for SDGs Inquiry and Practice
11:30-13:00	Lunch
13:00-15:00	Visit to Sites for SDGs Inquiry and Practice
15:00	Shuttle Service: Visit Locations to Tainan High-Speed Rail Station / Tainan Railway Station