Winners of Taiwan International Science Fair 2025(Mathematics)

No.	Category/Country	Project	School	Finalist	Award
010041	Mathematics South Korea	Equation of Ellipse over Fp and Pairs of Quadratic Residues/Nonresidues Related to Catalan Numbers	Seoul Science High School	MINJAE KIM HYEONGJOE CHU	Second Award
010040	Mathematics Indonesia	Utilizing Sparse Optimal Linear Feedback Control to Design Targeted Therapeutic Strategies for Enhancing Gut Microbiome	Cita Hati Christian	Stephanie Thalia Go	Third Award

Winners of Taiwan International Science Fair 2025(Chemistry)

No.	Category/Country	Project	School	Finalist	Award
030033	Chemistry Saudi Arabia	Low-Cost Nickel-based Catalyst for Electrocatalytic Splitting Of Ammonia Towards Clean Hydrogen Production	Manarat Alriyadh Boys'	Hazim Alotaibi	First Award
030030	Chemistry Russia	Synthesis of fluconazole analogues with focusing on resistant strains Candida	Moscow South-Eastern	Adelina Vakhitova	Second Award
030029	Chemistry Japan	Glass Coloring by the production of Colloidal Ferric Hydroxide	Miyagi Prefecture Sendai	Akihito Watanabe Wataru Hamashima	Third Award
030031	Chemistry	Application of Carbon Aerogels in Lithium-Air Batteries	Lutheran Petofi High	Balint Zsolt Raposa	Fourth Award
030036	Chemistry Saudi Arabia	Fabrication of Tandem Dye-Sensitized Solar Cells to Enhance Photovoltaic Performance	King Fahd University of	Siba Ahmed Mohammed	Fourth Award
030032	Chemistry Indonesia	Synthesis of Nanocomposite Nanocellulose From Durio zibethinus L. and TiO_2 NPs as Potential Food Packaging Antibacterial (E.	Al Azhar 1 Islamic High	Zacarich Widjoyo Arilo	Honorable Mention Award
030034	Chemistry Saudi Arabia	Utilization of Nano cellulose from date palm waste for improvement of thermal stability in epoxy composite	First Secondary School In	Zahra Hussain Ali Al	Honorable Mention Award
030035	Chemistry Saudi Arabia	Greenhouse Gases Reduction: Conversion of Methane and Carbon Dioxide into Clean Energy	Alanjal international	Renad Alabdulmohsin	Honorable Mention Award
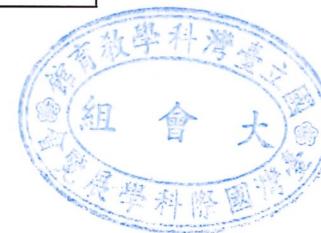
Winners of Taiwan International Science Fair 2025(Zoology)

No.	Category/Country	Project	School	Finalist	Award
050012	Zoology United States	BeeMind AI: Development of an AI-Based System to Assess Honeybee Health, Behavior, and Nutrient Effects on Learning and Memory	The Haverford School	Matthew Lo	First Award
050012	Zoology United States	BeeMind AI: Development of an AI-Based System to Assess Honeybee Health, Behavior, and Nutrient Effects on Learning and Memory	The Haverford School	Matthew Lo	Young Scienctist Award

Winners of Taiwan International Science Fair 2025(Botany)

No.	Category/Country	Project	School	Finalist	Award
060016	Botany United States	Decoding Climate Resilience: Functional Profiling of Protein Phosphatase 2C Family Genes for Abiotic Stress Tolerance in Rice	Rastogi Homeschool	Nandini Rastogi	First Award
060014	Botany Denmark	Let There Be (Optimal) Light	Egaa Gymnasium	Nanna Kalmar	Second Award
060017	Botany Saudi Arabia	Exploiting the beneficial role of Biochar and Titanium (Ti) as a Sustainable and Green Strategy for Improving Agricultural	Al Thanawya Al Thamna	Dana waleed M AlJohani	Third Award
060015	Botany South Africa	Plantastic Pods: The Grow Stick Rooting Revolution for Seeds & Cuttings	C&N Oranje Meisieskool	Johanna Swanepoel	Fourth Award

Winners of Taiwan International Science Fair 2025(Microbiology)

No.	Category/Country	Project	School	Finalist	Award
070010	Microbiology Zimbabwe	Using Focused Ultrasound and Pulsed Ultrasound as a Solution to Viral Infection	Peterhouse Girls	Mufaro Nazare Naledi Taundi	Third Award

Winners of Taiwan International Science Fair 2025(Biochemistry)

No.	Category/Country	Project	School	Finalist	Award
080017	Biochemistry Japan	Development of MBR, CO2 absorption ball	Nagano Prefectural Iiyama	OTSUKA YUA TAKATO HINAKA FUJISAWA YOSHIMI	First Award
080015	Biochemistry Indonesia	Exploring the Potential of Pachyrizus Erosus-Derived Calcium as an Affordable Nutritional Solution for Lactose	Mentari Intercultural	Zivia Hanna Patty Alexandrine Patricia	Second Award
080016	Biochemistry Italy	DSUP: New Research On The Implementation Of Radioresistance In Cellular Systems	Liceo Scientifico Galileo	Federico Bergo	Third Award
080018	Biochemistry Mexico	Tlaolli Onilli	Highschool UPAEP	Sofia Elena Flores Rivera Arantza Ximena Aguilar	Fourth Award

Winners of Taiwan International Science Fair 2025(Medicine and Health)

No.	Category/Country	Project	School	Finalist	Award
090030	Medicine and Health Thailand	KidneyLifePlus+ : Retinal Imaging Analysis for Kidney Disease Risk Assessment	the prince royal's	Payuphat Boontaokaew Chananphat Tacharoenmuang Pimlada Patipatpatawee	First Award
090027	Medicine and Health Canada	Eradicating Cystic Fibrosis Biofilms by a Novel Non-Toxic, Multi-Pathway Salicylate Therapy	Prince of Wales Secondary	Ann Wang	Second Award
090026	Medicine and Health Switzerland	Trojan Horses in the Fight against Skin Cancer	Gymnasium Kirchenfeld	Xeno Messmer	Third Award
090032	Medicine and Health Saudi Arabia	Flavored Nanofiber Strips Loaded with Amoxicillin as an Alternative Method for Treating Bacterial Infections in Children	Al Forquan Private	Mohammed Abdulaziz Miyajan	Third Award
090028	Medicine and Health Indonesia	Utilizing Flavonoids From the Invasive Species Pilea Melastomoides and Daucus Carota as Well as the Protein PTK-2 to	Mentari Intercultural	Marsha Leman Sofia Fazelle Krisnaputra	Fourth Award
090029	Medicine and Health Turkey	Production of Nano-Composite Artificial Bone Tissue Using Bioceramic Synthesis from Bio-Waste	Emine Örnek Science High	Poyraz Gulener	Fourth Award
090033	Medicine and Health Saudi Arabia	Automated Alternative Compression/Traction of Lower Extremities AACT as a Musculoskeletal Countermeasure to Mitigate	Tabuk International	Ayshah Faris Almasabi	Fourth Award
090034	Medicine and Health Saudi Arabia	Natural resources utilization for the in-house production of fluorescence lipid nanoparticles	Alaqsa International &	FAISAL KHALID ALI	Fourth Award

Winners of Taiwan International Science Fair 2025(Engineering)

No.	Category/Country	Project	School	Finalist	Award
100045	Engineering South Korea	The Future of Carbon Capture Technology: A Novel Moisture Powered Thin-Film Supercapacitor that Adsorbs Carbon Dioxide	Daegu International	HANSEO KIM	First Award
100052	Engineering Thailand	EIBraille: An Electromagnetic Field-Powered Braille Training Device with Development of Printed Circuits and Algorithms for	The Prince Royal's	Sataporn Thanapanyakul Siwakorn Suwannahong Punnawit Ponnirun	Second Award
100044	Engineering Philippines	Development and Comparison of a Small-Scale Toroidal Horizontal-Axis Wind Turbine to a Conventional HAWT Design	Philippine Science High	Angelo Miguel G. Vinluan Hugh Constantine T. Dumlao Antonio Raul L. Penaranda	Third Award
100053	Engineering Macau	Autonomous Ecosystem Surveillance Vehicle	Macao Pui Ching Middle	WU IAT LONG HO PAK NGAI ZENG WAI PAN	Third Award
100043	Engineering Philippines	Design and Simulation of a Honeycomb Sandwich Panel as a Heat-resistant and Durable Construction Material	Philippine Science High	Syrila Erin T. Catral Katrina Ciel T. Viernesto Jairo Gabriel T. Aban	Fourth Award
100046	Engineering Russia	Intellectual security system for industrial enterprises (ISS)	Melnichenko Foundation	Kirill Rudyakov	Fourth Award
100047	Engineering Czech Republic	A Humanoid Robot on the Basis of Modules Controlled Through a Serial Half-Duplex UART Bus	Gymnazium Matyase Lercha	Sebastian Matousek	Fourth Award
100049	Engineering Romania	A Study on Hybrid Electromechanical Actuators	International Computer	Mendel-Emanuel Mendelsohn Ioana Stanoiu	Fourth Award
100050	Engineering Brazil	SUSTUNI - SOFTWARE FOR SMART AND SUSTAINABLE DESIGN OF INDUSTRIAL ELECTRICAL CIRCUITS	Fundação Escola Técnica	Thiago Emanuel de Vargas	Fourth Award
100054	Engineering Sri Lanka	Mattress Ventilation System	Saranath College,	S M C A B Senanayaka	Fourth Award
100048	Engineering Brazil	PiezoPioggia: Energy Harvesting with Raindrops	Colégio Dante Alighieri	Eduardo De Monaco	Honorable Mention Award
100051	Engineering Italy	Safe CrossWalk (SCW)	ITTS "O.Belluzzi L.da	Nicolo Bartoli Simone Clementi Diego Zaghini	Honorable Mention Award
100056	Engineering Jordan	TEST & SAVE	Irbid Secondary School	NEMER MAMOUN MOUSA ZYUD	Honorable Mention

					Award
100057	Engineering Nepal	THIRD-LIFE: Real Life Accident Alerting, Live Locations and Notifications to Emergency Service	Rato Bangala School Xavier Academy	Sampanna Bhandari Shubham Hamal	Honorable Mention Award

Winners of Taiwan International Science Fair 2025(Behavioral & Social Sciences)

No.	Category/Country	Project	School	Finalist	Award
130013	Behavioral & Social Indonesia	Developing a Heart-Rate Monitoring App to Help Families in Identifying Mood Changes for Children Diagnosed With Neurodivergence	Mentari Intercultural	Jannaisya Aufilia Joinaldy Matahati Sabri Maleeka Aqiila Januar	First Award
130014	Behavioral & Social Indonesia	Evaluating the Impact of the AI-Powered Interactive Journal "I Am Great Because of Me" on Reducing Impostor Syndrome Among	SMAN Unggulan M.H.	Talita Almira Salsabila Adelia Nasywa Ramadhani	Second Award
130011	Behavioral & Social Switzerland	The conspiracy mentality: its relationship with absurdity and ostracism	Lycée Denis-de-Rougemont	Olivia Lina Oechsli	Third Award
130012	Behavioral & Social	DIVE&CLEAN - Intervention Possible	The British International	Laura Ivanka	Fourth Award

Winners of Taiwan International Science Fair 2025(Physics & Astronomy)

No.	Category/Country	Project	School	Finalist	Award
160035	Physics & Astronomy Luxembourg	Can Quantum Mechanical Two-State Theory model Coulomb's Force?	Lycée de Garçons d'Esch	Moritz Rohner	Second Award
160033	Physics & Astronomy Singapore	Modal frequencies in a nonlinear beam-magnet coupled oscillator system	Raffles Institution	Wang Yunze	Fourth Award
160034	Physics & Astronomy Singapore	Efficient Modelling of Aeroacoustic Phenomena in Seebeck Sirens: A Simplified Approach for Real-World Applications	Raffles Institution	Ong Jiunn Xiang	Honorable Mention Award

Winners of Taiwan International Science Fair 2025(Earth and Environmental Sciences)

No.	Category/Country	Project	School	Finalist	Award
180027	Earth and Environmental Canada	Reviving Resources: Harnessing Soap Nut Greywater for Sustainable Plant Growth	St. John's School	Tanvir Mundra	First Award
180026	Earth and Environmental South Korea	Proposal for the Restoration of Fire-Damaged Soil Using Water-Soluble Aromatic Compounds Derived from Soil Actinomycetes	St. Johnsbury Academy	SEYI KWON	Second Award

Winners of Taiwan International Science Fair 2025(Computer Science and Information Engineering)

No.	Category/Country	Project	School	Finalist	Award
190029	Computer Science and Luxembourg	Project M.I.R.A.S	Lycée Michel Rodange	Maxime Buck	First Award
190030	Computer Science and Czech Republic	ChordSeqAI: Generating Chord Sequences Using Deep Learning	Archbishop Grammar School	Petr Ivan	Second Award
190031	Computer Science and	Wibrazz	Nyíregyházi Vasvári Pál	Dalma Kamilla Zsigo	Third Award
190033	Computer Science and South Africa	AI-Based Customer Sentiments Dashboard	Bryanston High School	Aradhya Kaushik	Fourth Award
190032	Computer Science and Brazil	MEDTEC – Artificial Intelligence Software for medical diagnosis optimization and analysis	Colégio Dante Alighieri	Ana Elisa Guirao Gomes	Honorable Mention Award
190034	Computer Science and Iran	Real-Time Ensemble Model for Stroke, Drowsy, and Distracted Driver Detection Using Transfer Learning Models	Iranian Youth Science and	Nima sohrabi	Honorable Mention Award

Winners of Taiwan International Science Fair 2025(Environmental Engineering)

No.	Category/Country	Project	School	Finalist	Award
200021	Environmental Saudi Arabia	Nanoparticles and Aqueous Amine-Based Formulation to Develop CO2 Foam for Sequestration and Oil Recovery	Dar Al Thikr Schools	Mohammed Saleh Mohammed	Second Award
200019	Environmental Pakistan	Revolutionizing Potato Agriculture: Harnessing Machine Learning Techniques for Disease Detection and Management	Aitchison College, Lahore	Rafey Ataullah Mohammad Lajwar Jamal	Third Award
200020	Environmental Tunisia	Olivy - Renovation of Olive Cultivation Sector Using Artificial Intelligence	ATAST	Rana Boukadida Ismaiel BEN BRAHIM	Honorable Mention Award