

# 第 34 届全国青少年科技创新大赛 国际优秀项目获奖名单

序号	代表队	姓名	项目名称	奖项
1	Canada	Danmeng Zhu	Development of an AI-Based Acute Promyelocytic Leukemia Classification System	FIRST PRIZE
2	Canada	Kai Bentley Leong	Smartphone-Based Gait Analysis: A Boon for Disease Diagnosis	FIRST PRIZE
3	Denmark	David Nørgaard Essenbæk	Optimizing a Molecular System for Solar Energy Harvest and Storage Using Computational Chemistry	FIRST PRIZE
4	Germany	Anja Sack	Use Glue and Avoid Sockets	FIRST PRIZE
5	Japan	Sarasa Mochinaga; Sakura Yonekura; Hiroaki Hirata	Are 7300 Years Not Enough? ~ Distribution of Dung Beetles (Onthophagus Group) on the Osumi Isles and the Effect of Koya Eruption (7.3 ka) on Them~	FIRST PRIZE
6	Republic of Korea	Seonbin Son; Sung Joon Park	Diversity and Antifungal Activity of Fungal Endophtyes in Leaves and Bark of Juniperus Chinensis in Korea	FIRST PRIZE
7	Malaysia	Norsyara Syafiqah Binti Saif Ridzuan Muralee	Smart Hybrid Composite From X-Ray Waste	FIRST PRIZE
8	Portugal	In ês Mariana Pereira Louren ; Maria Joao Vidal Marcelino; J éssica Marques Valente	Mercury in the Estuary of Aveiro: What Arethe Impacts and Possible Solutions?	FIRST PRIZE
9	Singapore	Chong Hui Feng; Jia Sheng Jason Niow; Ruijie Wang	Synthesis of Eco-friendly and Reusable Bone Char Composite Beads for Metal Ions and Fluoride Removal	FIRST PRIZE
10	Slovenia	Miha Pompe	Positron Emission Tomography with Time-of-Flight Capabilities	FIRST PRIZE
11	Sweden	Charles Alexander Maddock	Development and Analysis of “Cambrians”	FIRST PRIZE

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12	Turkey	Dila Çiğdem	Investigation of Conductance Quantization with Magnetic Field Control and Application of Biosensor	FIRST PRIZE
13	Turkey	Öykü Elif Aydın	Graphene-Polymer Based Electrostatic Sensor Production and Characterization	FIRST PRIZE
14	Austria	Yasemin Hatice Gedik; Hannah Viktoria Schatz	Microplastic in Front of Our Door	SECOND PRIZE
15	Belgium	Cécile Barra	Parquet Delivery Machine 2002	SECOND PRIZE
16	Bosnia and Herzegovina	Edvin Dzidic; Muhamed Sinanovic	HELT	SECOND PRIZE
17	Czech Republic	Sylva Neradova	Phosphatases Pho15P Dephosphorylate 2-Phosphoglycolate	SECOND PRIZE
18	Finland	Arimo Yrjö Vernerilä; Gustafsson; Aapo Samuel Leppänen; Niilo Elias Viheriäkanta; Vilhelm Ilmari Toivonen	Reinventing the Drone	SECOND PRIZE
19	Hungary	Dominik Dobos; Bálint Székely	Analog Model of the Human Blood Circulation	SECOND PRIZE
20	India	Avani Nilesh Sathe; Rama Railkar	Maintaining Soil Fertility	SECOND PRIZE
21	Indonesia	Muhammad Noor Faiz Husaini Pratama; Muhammad Toni Setiawan	E-BioSpy (Energy from Biomass of Spirogyra): Utilization of Spirogyra sp. Biomass Using Instant Yeast as a Household Alternative Energy Source	SECOND PRIZE
22	Israel	Rotem Moses; Ben Kremer	FaceCode – A System Preventing Human Errors in Identifying Hospital Patients	SECOND PRIZE
23	Kazakhstan	Kuanysch Maden	Pipe Cleaning Robot	SECOND PRIZE
24	Kazakhstan	Temirlan Rakhimbayev	Smart Tracker for Solar Panel	SECOND PRIZE
25	Republic of Korea	Sumin Im; Ji Soo Kang	Implementation of In-Vitro Tumor Microenvironment by 3D Cell Culture	SECOND PRIZE

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26	Malaysia	Aida Masyitah Binti Azahari	A Green Way to Prevent Dengeu Using Curry Leaves	SECOND PRIZE
27	Malaysia	Nur Farhana Fazreen Binti Anuaruddin	Smart Sustainable G-Polymer From Industrial Waste	SECOND PRIZE
28	Nepal	Sumina Suwal; Aayush Jha	A New Approach to Designing Spacesuits	SECOND PRIZE
29	Netherlands	Tuana Sarya Kutan; Lianne Goud	A General Solution to the Cubic Equation and the Role of Its Discriminant	SECOND PRIZE
30	Norway	Signe Nesheim Hugaas	An Investigation of 'Snus' as a Pollutant of Soil	SECOND PRIZE
31	Norway	Liva Araka	The Distribution and Abundance of Four Coastal Lichen Species on an Island Svanoy (Sogn og Fjordane, Norway)	SECOND PRIZE
32	Pakistan	Aamna Ahmed	Smart Aqua Lab	SECOND PRIZE
33	Philippines	Clyde Justin Cruz Tuquero	Effects of Zinc Oxide and Silicon Dioxide Nanoparticles to Starch-derived Bioplastic	SECOND PRIZE
34	Puerto Rico	Gabriel Iván Ruiz Ruiz	Development of a Personal Air Filtration System for Cases of High Levels of Pollution or Fire	SECOND PRIZE
35	Russian Federation	Daniil Kalinin	Development of an Automatic Sign Language Interpreter Model	SECOND PRIZE
36	Russian Federation	Alexander Shishkov	Smart Home – Technologies of the Future	SECOND PRIZE
37	Slovakia	Richard Magulák; Viliam Podhajecký	Radio Controlled 3D Printed Car	SECOND PRIZE
38	Sweden	Ellen Julia Hammarstedt	Detecting Cherenkov Radiation with a Cellphone - Proposal for a New, Cheaper and Simpler Method for Detection of Cherenkov Radiation	SECOND PRIZE
39	Tunisia	Mohamed Amine Jradi	The Economic Water Consumption System	SECOND PRIZE
40	Tunisia	Malek Bouzidi	Magnum	SECOND PRIZE

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41	Turkey	Alperen Telatar	From Marine Sponge to Tissue Scaffold	SECOND PRIZE
42	Ukraine	Oleksandra Lukina	Astrometry and Photometry of Transneptunian Objects (Pluto, Eris, Haumea)	SECOND PRIZE
43	United Kingdom	Grace Hannah Patricia Lord; Aalia Sellar; Brendan Michael Miralles	Music Splash	SECOND PRIZE
44	Argentina	María Victoria Belber; Federico Garcia Casarota	Our Inventions ... An Intercontinental Adventure (Nuestros Inventos .... Aventura Intercontinental)	THIRD PRIZE
45	Azerbaijan	Khurram Valiyev; Maryam Aliyeva; Sabir Zeynalov	How to Control Traffic and Reduce Car Related Accidents: Portable Traffic Light Powered by a Solar Panel	THIRD PRIZE
46	Brazil	Giovana Berti Mantovani	Evaluation of Antitumoral Activity of ACABI Detergent Solution	THIRD PRIZE
47	Cambodia	Chin Huor Thao; Kettyvann Tith; Nguonheng Pen	Aquatic Farming	THIRD PRIZE
48	Colombia	Brayan David Sará Sánchez	5th Referee: Technological Strategy to Generate Social Transformation Through Sports Practice	THIRD PRIZE
49	Czech Republic	Tomas Perutka	Using Decomposition Group to Prove the Quadratic Reciprocity Law	THIRD PRIZE
50	Czech Republic	Eliska Rajmonova	Formation and Occurrence of Kummerform Foraminifera	THIRD PRIZE
51	Denmark	Emma Paydari	Antimicrobial Peptides Against Bacteria	THIRD PRIZE
52	Estonia	Carmen Piirsalu	LCT Gene at Position -13910C>T Occurred SNP Appearance Frequency in Tartu Tamme Gymnasium's 11th and 12th Grade Nature and Medicine Students and the Students' Knowledge of Hypolactasia and of Its Relation to Genetics	THIRD PRIZE
53	Estonia	Andreas Must	Spectrophotometric Determination of Total Phosphorous and Nitrate Levels in Coastal Seawater of Tallinn Bay, Estonia	THIRD PRIZE

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54	France	Hugo Schreckenberg; Killian Varescon; Thibaut Metz	Like on Magnet 9	THIRD PRIZE
55	Germany	Johanna Alisa Berger; Phi Nhung Nguyen Thi	Learning With Virtual Reality - Diving into a New World	THIRD PRIZE
56	India	Pradnya Rajendra More	Controlling Anaemia	THIRD PRIZE
57	Indonesia	Muhammad Baiata Farisi; Armadina Fitra Choirunnisa	Portable Baby Incubator	THIRD PRIZE
58	Indonesia	Ahmad Maksum Amin	Utilization of Paper Waste as a Substrate in Microbial Fuel Cells to Produce Renewable Alternative Energy	THIRD PRIZE
59	Italy	Alessandro Begotti; Carlo Daolio	ScholarStar: Action and Reaction for an innovative School	THIRD PRIZE
60	Republic of Korea	Minju Ku	Screening Anticancer Active Substances from Natural Products That Are Molecular Targets of Microenvironmental Stress in Pancreatic Cancer Cells	THIRD PRIZE
61	Lao PDR	Thiphachanh Khammavong; Phoutsada Oupady; Sengmany Sibounthien	Solar Thermal Water Heating, Describe Way That Heat Can Be Transferred From One Object to Another	THIRD PRIZE
62	Lithuania	Tautvydas Ribinskas	Wildflower Euphorbia Helioscopia L. – The Ecological Solution for Timber Protection	THIRD PRIZE
63	Lithuania	Gabriele Simoliunaite; Bronius Placiukas	In Search of New Materials for Paper Production	THIRD PRIZE
64	Luxembourg	Krzyszimir Hyzyk	Safe Trip Home from School	THIRD PRIZE
65	Mexico	Carolina Martinez Simon	Ecological Prosthesis for the Region of the Right and Left Leg, Produced From Pet and a Mechanical System	THIRD PRIZE
66	Mexico	Fabiola Abigahil Salcido Tolano; Josyher Pérez Pérez	SIAEM	THIRD PRIZE

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67	Nepal	Anish Giri	Explanation of Casimir Effect in a New Perspective Using Tensor Calculation	THIRD PRIZE
68	Nigeria	Tabitha Abisolami Alao-Akala; Nimatallahi Bukola Abdulkadir	Student Monitor and Anti-Kidnapping Alert	THIRD PRIZE
69	Nigeria	Balikis Ize Lawal	Sandpaper Plant (Ficus Exasperata Vahl): A Health Resource for Diabetes	THIRD PRIZE
70	Pakistan	Syed Hamza Ibrahim	Paralytic Assist	THIRD PRIZE
71	Pakistan	Mahmood Arbaaz	Matter-Antimatter Collisions	THIRD PRIZE
72	Philippines	Joseph Andrew Borlagdan Mendoza	Augmented Reality Technology-Based Circuit Assembly Guide Application	THIRD PRIZE
73	Philippines	Tanya Balao Litam	Development of Automated Water Recirculating and Monitoring System for Scylla serata (Mud Crab) Fattening	THIRD PRIZE
74	Puerto Rico	Natalia Isabel Acosta Laboy	Incidence of HGSNAT Gene in Mucopolysaccharidosis Type III: A Mathematical Analysis	THIRD PRIZE
75	Puerto Rico	Camila Nicole Rodríguez Tolentino	A Bioremediation Simulation of Dehalococcoides sp. Strain FL2 for Vinyl Chloride on Groundwater Located in Guayanilla Bay, Puerto Rico	THIRD PRIZE
76	Russian Federation	Arina Sleptsova	Studying of Non-verbal Means of Communication and Its Role in Talking With Foreign Tourists	THIRD PRIZE
77	Thailand	Nitipat Hoonpongsimanont	Data Communication Using Simple Optical Multiplex System	THIRD PRIZE
78	Thailand	Tanakrit Bunyoung	Measurement of Refraction Index Using Laser Beam and Polarization	THIRD PRIZE
79	Thailand	Waritsara Jewkay	Study of Nature of Cracker Plant (Ruellia Tuberosa) and Seed Disposal in Thailand	THIRD PRIZE
80	Tunisia	Abdallah Jeradi	Clean Free Energy From Water	THIRD PRIZE
81	Tunisia	Emna Badri; Rima Jerbi	Free Food and Green Energy	THIRD PRIZE

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82	Ukraine	Daniil Ostashhev	Genetic Algorithm of Distribution of Delivery Routes	THIRD PRIZE
83	Ukraine	Anastasiya Stakhanska	The Study of the Sugar-Lowering Activity of Yakon	THIRD PRIZE
84	United States of America	Zeynep Betul Ozdemir; Zehra Ozdemir	Scanning and recognizing text, system, from media data, through the neural network, followed by tactile-relief visualization and sounding of data for visually impaired people	THIRD PRIZE
85	Viet Nam	Trung Hieu Le; Phan Hien La	Automatic Vegetable Irrigation System Using Solar Energy for the No Electricity Supply Areas	THIRD PRIZE
86	Zimbabwe	Carla Williams	Galaxy	THIRD PRIZE