

## JURY BOARD OF DECISION LETTER

### INTERNATIONAL SCIENCE AND INVENTION FAIR 2025

Number :134/DJ.ISIF /IYSA-UNDIP-IZMIRIISEEF/XI/2025

#### ABOUT DETERMINATION OF *GOLD, SILVER, AND BRONZE* INTERNATIONAL SCIENCE AND INVENTION FAIR 2025

Consideration : The need for a scientific competition in the form of science project between students as a forum to continue to work and innovate in the world of research.

Reminder :

1. Work program cooperated between Diponegoro University Vocational School and IZMIRIISEEF in 2025 about organizing international events ;
2. Selection of participants from Indonesia for scientific competitions at International level;
3. IYSA, IZMIRIISEEF and Diponegoro University Vocational School cooperation rights for international scientific competition event.

Decide :

And assign :

1. International Science And Invention Fair (ISIF) 2025 mentioned in the attachment to this letter
2. This decision is irrevocable and comes into force on the date of stipulation  
*Stipulated by online on November 3<sup>rd</sup>, 2025*

**Board of Committee :**

1. Prof. Dr. Ir. Budiyono, M.Si. (Dean of Diponegoro University Vocational School)
2. Deni Irawan, M.Pd (President of IYSA)
3. Ümit Karademir (Director of the IZMIRIISEEF)
4. Dr. Drs. Soehardjoepri, M.Si (Chief of Judge ISIF 2025)



**Prof. Dr. Ir. Budiyono, M.Si.**  
Dean of Diponegoro University  
Vocational School



**Deni Irawan, M.Pd.**  
President of IYSA  
Indonesian Young Scientist Association



**Ümit Karademir**  
Director of the IZMIRIISEEF  
(Izmir International Innovation Science  
Energy Engineering Fair)



**Dr. Drs. Soehardjoepri, M.Si**  
Chief of Judge ISIF 2025

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NO	CATEGORY_COMPETITION	NAMA LENGKAP	GRADE	CATEGORIES	PROJECT_TITLE	AWARD
Education						
1	Stephen Lewis Secondary School Hashim Ata Al-Shawa Secondary Girls School Hashim Ata Al-Shawa Secondary Girls School	Manar Aiad Malak Malaka Gomana Zendah	Secondary	Education	virtual science lab app	GOLD
2	SMP Negeri 11 Surakarta	Felicia Keyla (Leader) Jessie Rose Marida Aqila Zaenab	Secondary	Education	MoodMate: A Mobile Application with Weekly AI Insights and Interactive Mini-Games to Support Adolescent Mental Health	GOLD Free Regist IIIEX
3	SMA Thursina IIBS Malang	Muhammad Nazam Taqiudin Ahmad Reza Anugerah Muhammad Faturrahman Al Ghozali Muhammad Tristan Agung Ananda Rizal Akbar Raditya Aulia Fahri	Secondary	Education	WasteLink: A Next-Gen Platform for Sustainable Waste Management and Environmental Education through Technology and Gamification	BRONZE
Environment						
4	SMAS ISLAM ATHIRAH BONE	M. Fadlullah. R Muh. Furqon Andi Aqilah Al Amirah Akbar	Secondary	Environment	Tyrosine-Capped Gold Nanoparticles: A Smart Colorimetric Sensor for Heavy Metal Detection in Water	GOLD
5	SMP NEGERI 14 YOGYAKARTA	Tiara Narendrasti Winata Ghairidhan Khulafa Ramadhan Kasim Deandra Anabel Victoria Nadhifa Kamilia Hasan	Secondary	Environment	FeRI-FRUIT (Ferrum Rust Inhibitor from Fruit Waste): Ekstrak Bioaktif Limbah Buah sebagai Inhibitor Karat Ramah Lingkungan	GOLD
6	SMA TARUNA NUSANTARA KAMPUS MALANG	Fadhil Nuran Muhammad Chevy Dimas Galih Adi Atmojo Muhammad Akbar	Secondary	Environment	HEALIX: Healing Limestone Innovation with Bacillus X-Factor for Sustainable Concrete	GOLD

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		Kenzie Pratama Razan Adri Putera Bagus Aditia pratama Septian Hafizhul Basith				
7	SMA NEGERI 8 YOGYAKARTA	Zafiya Khairany Darmawan	Secondary	Environment	Assessing the Effectiveness of Galleria mellonella Larval Saliva in Degrading Different Types of Plastic Wastes	GOLD
8	SPK SMA XIN ZHONG	Ferdinand Goestie James Ethan Widjaja Maxwell Ezequiel Olimpio Axell Irawan Theorve Cruz Caviezel Phwa	Secondary	Environment	Integrated Bidirectional IoT Communicator Bio Sorbent Module as an NPCP Absorbent and Real-time Notificator for Mitigating Water Pollution in Central Surabaya	GOLD
9	SMP BAMBINI	Jennifer Casey Wijaya Clarissee Michaela Wijaya Anastasya Sunardy Po Corina Thanos Clayvant Surhianto	Secondary	Environment	Pectin-Cellulose Bioplastic Film: Utilization of Banana Peels and Water Hyacinth as Sustainable Plastic Film	GOLD
10	SMA TARUNA NUSANTARA MAGELANG	Fachri Aulia Ziaulhaq Azhim Zabran Maika Ariwibowo Aldrik Muhammad Rustriyandi Rafa Firman Ramadhan Andi Askari Akeyla Kynan Raditya Dwi Prakosa	Secondary	Environment	Therma-Road: INNOVATION IN ECO-FRIENDLY ASPHALT HEAT HARVESTING BASED ON THERMOELECTRIC WITH HYBRID STORAGE & DISTRIBUTION SYSTEM FOR URBAN LIGHTING	GOLD
11	SMA TRENSAINS MUHAMMADIYAH SRAGEN	FADHILIAM SULISTIANTO M. IBRAHIM AL FARABI HAFIZH IZZAT ALFATIH BAYU SETO PASHA ASIPATTRA DEVANO NUR HANA ALIFUL RIKZA	Secondary	Environment	BATSOL: Particle Board Made from Banana Stems, Bagasse adn Corn Stove with Soursop Leaf as a Termite Deterrent	GOLD
12	SMA ISLAM AL AZHAR 9 YOGYAKARTA	Zhafran Archibald Galeel Raka Wiraatmaja Ammar Balapradhana Arjuna Kenzie Wistara	Secondary	Environment	Food Print Tracker: Web-Based Logging System to Calculate Food Waste in Households	GOLD
13	SMP ISLAM SABILLAH MALANG	Aisha Putri Aidila Adha Pratista Damarizky	Secondary	Environment	TerraClear: Soil Purification Device	GOLD

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		Aylakiva Mariska Ishakinah Kinanti Aisyah Makailah Putri				
14	SMP ISLAM SABILILLAH MALANG	Vania Zeka Ardianti Nugroho Muhammad Arshad Dzakiy Asyifa Keisha Ravanea Bastian Naufal Perwira Rijali	Secondary	Environment	HYDORA	GOLD
15	SMP ISLAM SABILILLAH MALANG	Assyifa Kanaya Sechani Mevlana Malika Areta Nadia Arum Wahyuningtyas Rayhan Hafidz Zain Wijayanto Mahizza Mivatchrie Bramandytha	Secondary	Environment	HelioLight: A Resolution for Ineffectiveness	GOLD
16	SMP SEMESTA 2 SEMARANG	Amira Lointina Ichlasia Azzahra Shakayla Althafunnisa Kinanthy Ayudia Putri Nugroho Sabira Fayyaza Budianto Zameera Adelia	Secondary	Environment	SPLASH (Spirulina Beads for Laundry Wastewater Shield): An Eco-Friendly Bioremediation Innovation Using Immobilized Spirulina sp	GOLD
17	SMA PRADITA DIRGANTARA	Benaya Jefta Timothy Sihotang Keyzahra Putri Nur Malaika Qoim Bidinillah Ghaida Azka Nabilah Kayla Putri Ai-Naya	Secondary	Environment	AgroBriq: Development of Renewable Bio-fuel Briquettes Utilizing Elaeis guineensis Waste and Oryza sativa Husks	GOLD
18	SMPN 19 SURABAYA	Balqis Aisyah Nur Syahmah, Kennisha Zahra Chunadi, Kalea Zahra Chunadi, Rafi Fadhil Al Ichsan, Adam Arrayan Kenzo Anggakusuma	Secondary	Environment	EcoScent Filter: An Innovation for Recycling Detergent Waste into a Sustainable Fragrance in Support of SDG 6 and SDG 12	GOLD
19	SMAN 4 Denpasar	I Putu Dimas Pramudya Sastra I Gede Evan Praditya Uthama Ni Putu Kiara Praba Elyssia Jericho Halim I Made Wiranatha	Secondary	Environment	EBSPON: Innovation from Mangosteen Peel ( <i>Garcinia mangostana</i> ) as an Eco-friendly and Healthy Edible Spoon to Reduce Plastic Waste	GOLD

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		Kusuma Ni Made Diar Laksmiati K				
20	SMA PRADITA DIRGANTARA	Muhammad Zaki Azdzikra Raka Fathir Muhammad Nathanael Verelino Tyagusta Fritz Mayer Raphael Nadhira Fatih Huwayda Fatyanaura Arleyza	Secondary	Environment	Valorization of Wastewater through Electrolysis for Resource Recovery	GOLD
21	SMA KRISTEN PETRA 2	Marvino Aloysius Tjondro Nicholas Sebastian Lim	Secondary	Environment	Study of titanium ferrite nanoparticle absorption based on Indonesian natural sand as a water remediation solution	GOLD
22	XinZhong Secondary School	Felix Cornelius Goenawan Adelia Grisanti Icherryn Njoto Reva Christina Yonathan	Secondary	Environment	CitraShell: Sustainable Fire Retardant Formulated From Meretrix meretrix, Citrus aurantium, and Kombucha to Mitigate Domestic Fires.	GOLD
23	MAN 1 Jembrana MAN 1 Jembrana MAN 1 Jembrana	Rafly Ichsan Alyasa Asyifa' Budi Aulia Charisa Adisti Fahira	Secondary	Environment	OceanDrop: Seawater Utilization Technology as a Solution for Clean Water Due to Intrusion on Coastal Areas	GOLD
24	SMA SAINS WAHID HASYIM	AFLIH AZARIA MAULAYA ANATASYA NUR AZIZAH ALYA AFAF ZAHIRA RETNO DUMILAH SHAFIRA AZKA ARINI	Secondary	Environment	Multi-Layered EMF-Block Soil Pad for Shielding Tomato from Electromagnetic Radiation	GOLD
25	SMA Xin Zhong	Clarissa Tedjo Trixie Hillary Iwantono Tyanna Naeva Simbolon Anson Setiono Ellen Widargo Patrick Aldwin Yang	Secondary	Environment	DEWASA(Debris Early Warning and Surveillance Arduino) Monitoring System for Eutrophication from Eichhornia crassipes and Trash in Surabaya's Hydric Environments	GOLD
26	SMA PRADITA DIRGANTARA	Made Sadhu Sangananda	Secondary	Environment	Eco-Enzyme as a Circular Economy Innovation: Harnessing Bio-Waste Fermentation for Natural Disinfectant and Fertilizer Applications	GOLD
27	SMA TREN SAINS MUHAMMADIYAH	PUTRI UDKHILA MUFLIHUN	Secondary	Environment	BLACTUS: Utilization of EM4 in Making Polluted	GOLD

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	SRAGEN	NAYLA SAPTANITA RAMADHANI AZZA RIDHA HASTUTI GESANG RAGIL PRAMESTI HASNA LUTHFIA SHOLIHA MELANIE YUNUNAMA			River Cleaning Ball Containing Water Spinach for Susatinable Phytoremediation Effects	
28	SMA TRENSAINS MUHAMMADIYAH SRAGEN	KAMILA NIMA MAULIDA NARISWARI AZZAMILLAH NASYWA TSYREN MALIKA NILAM MAHARANI EZZENZA AURA MUSLIMAH MUKHLISA HIKMAH	Secondary	Environment	COFEECO: Development of Coffee Grounds-Based Odor Absorben with Pandan Leaf Addition for Household Waste Bins	GOLD
29	SMA TRENSAINS MUHAMMADIYAH SRAGEN	MUTIARA ATTAYA CITRA JEAFANY AZARIN LITUHAYU ASMAWA JANEETA HASNA NUGRAHA ALTAIRA FAAIQATUNNISA HANINDYA SYAFA AZZALEA	Secondary	Environment	Innovation of Edible Plastic from Raw Kepok Banana Strach as a Sustainable Alternative to Replace Single- Use Packaging	GOLD
30	SMA TRENSAINS MUHAMMADIYAH SRAGEN	RAIHANA ADZRA HANUN MULIA AZIZAH HASAN NISRINA ATHIRA ALTHA FUNNISA ATIKA DEWI PRATIWI GENDIS LAKSITA BUDI BIRRUNAIFTINAN NISAA	Secondary	Environment	BIMA: Magnetic Biochar from Kepok Banana Peels as an Environmentally Friendly Solution for Microplastic Separation	GOLD
31	Carmel Pak U Secondary School	LAM Ching Yu Bernice ZHANG Sen Lo NG Chun Ming, Taylor SHEN Jacqueline Zhiqin	Secondary	Environment	Removal of heavy metal ions in water by organic filters	GOLD
32	St. Paul's Convent School	CHOU Hoi Laam KEUNG Yat Kiu WONG Yu Hei	Secondary	Environment	RenewaBrew	GOLD

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33	Cheongna Dalton School Indian Springs School	Eunsung You Charbon Lee	Secondary	Environment	Salicylic Acid Extraction from Willow Bark and Application as Eco-friendly Plant Growth Enhancer: From Natural Source to Agricultural Innovation	GOLD
34	Sakolrajwittayanukul School	Sarisa Surunna Phalathip Phayuha Khemmarinthon Jaisiri Meka Deesongkram	Secondary	Environment	Sustainable Quantum Dot Innovation from Waste Eggshells for Heavy Metal Detection	GOLD
35	Kru Mhon School	Natthaphat Witthayaphiroonthong Phurichaya Chuasiri Arisara Rassamimas Navaphoom Sumala Naphat Wetchirarat	Secondary	Environment	Eco-Friendly Lead (II) Ion Removal from Simulated Wastewater Using Pineapple Crown Waste Incorporated into PVA/Chitosan Composite Biosorbents	GOLD
36	Sakolrajwittayanukul School Meka Deesongkram Yanisa Srisoi Angkavara Cherkampeng Nattheerada Thaintha Teeraphon Phanphala	Meka Deesongkram Yanisa Srisoi Angkavara Cherkampeng Nattheerada Thaintha Teeraphon Phanphala	Secondary	Environment	Integrated Wastewater Remediation: Synergistic Use of Biochar-Activated Carbon and Aquatic Plants for Eco-Friendly Water Quality Recovery	GOLD MIICA SA
37	Public Institution "The Republican centre of ecology and local studies"	Raman Baranau	Secondary	Environment	Controlled microbial recycling of organic waste: New hope for fertile soil and a sustainable climate	GOLD Free Regist WSEEC
38	Srisawatwittayakarnchangwathan School	Ms.Thawanrat Utmeemang Mrs.Ratanaphun Utmeemang	Secondary	Environment	Cleaning silver jewelry (silver ring) from everyday items using the principles of electrochemistry.	GOLD
39	CLAVER NATIONAL HIGH SCHOOL	Denise Nicole R. Duran Dwiny Angel C. Hitalia Nyessa Cyra A. Yaman April Precious Love P. Villanueva April Grace D. Nimer John Martin Ostos	Secondary	Environment	Eco-Larva Block from Jatropha curcas: A Protein-Inhibiting Larvicidal Tablet for Dengue Prevention in Local Communities of Surigao del Norte, Philippines	GOLD
40	Samsenwittayalai	Apinyapat Suphamaneewitsiri Thanakit Patibundit Thanyachanok Chuenchit Naphaschaya Chanjaroenlap Leenawat Suesakul	Secondary	Environment	Oil palm fronds dried to 9.11% moisture reach 16,094 kJ/kg, offering 1,288 MW power potential and cutting CO <sub>2</sub> emissions by ~4 million tons.	GOLD
41	Sakonrajwittayanukul School	Thanapat Khampho	Secondary	Environment	Smart Rice Guardian: An	GOLD

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		Prachatipatai Triphiphatcharoenkul Kanisorn Thongarsa			Intelligent Sensor System for Methane Monitoring in Rice Fields Toward Low-Carbon Agriculture	
42	CHONKANYANUKOON SCHOOL	Miss Thannapat Tanipatapisuk Miss Buraya Kachoo Miss Thanyaluk Saiboonrod (0660479680)	Secondary	Environment	Fire Retardant from Shrimp shell Chitosan	GOLD MIICA SA
43	Udomdarunee School Sukhothai Province, Thailand	Kongphop Ameiam Montiyaporn Sinprasert Punyaporn khongjaroen Suchada Rangsisuthiporn	Secondary	Environment	Development of Butterfly Pea Flower Bead Products for Measuring pH of Daily Substance	GOLD
44	Sakolraj Wittayanukul	Kanyapat Chaithongpan Chonticha Teapin Pisit Wattanawareekul Warinya Manaphon Suchanan Prathumtip Meka Deesongkram	Secondary	Environment	Sustainable Textile Innovation: Natural Fiber Dyeing with Sakon Nakhon Mud Wittayanukul	GOLD
45	Sakolrajwittayanukul	Sakon Sakunkit Nattawee Vichaiphin Jirawat Strantripop Natchathin Sitirabut Meka Deesongkram	Secondary	Environment	Morphological Study of Dischidia Basket for Wild Orchid Nursery through Water Retention Mechanism	GOLD
46	Lyceum 165, Almaty, Kazakhstan	Aruzhan Aidarkhanova	Secondary	Environment	Ecochain: an integrated platform for Environmental monitoring and supply chain optimization	GOLD
47	Varee Chiangmai School	Settawut Saetang Kanyapat Khueansuk Darintra Chusin Pimpitcha Ong Puri Buasi	Secondary	Environment	Accumulation of Microplastics in Benthic Sediments and Organisms Due to Domestic and Agricultural Wastewater in Chiang Mai, Thailand.	GOLD
48	SMP Progresif Bumi Shalawat	RAYYA ADIZARA ALSHAHIMA FELISHYA ABIDA EZRA SAMUDRA NABILLAH NUR MAULIDIA LAKSITA SYAHRUL AZKIA	Secondary	Environment	NISPRAY (Automatic Organic Sprayer) Integration IoT-Based Betel Leaf (Piper betle) Extract Pesticide Sprayer for Water Spinach and Spinach Cultivation	SILVER
49	SMA ISLAM AL AZHAR 28 IIBS KARANGANYAR	Nazira Khalisa Sandy Khansa Nabiha Ismail Tiara Ardina Tunggadewi	Secondary	Environment	Utilization of Chitin in BSF Larvae ( <i>Hermetia illucens</i> ) as Heavy Metal Adsorbents in Liquid Waste Treatment	SILVER

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		Citrahayi Malika				
50	SMA TARUNA NUSANTARA NUSANTARA KAMPUS MALANG SMA TARUNA NUSANTARA NUSANTARA KAMPUS MALANG	Syalom Cyrilla Ozora Siagian Naifa Salsabila Fadly Ni Made Anindya Maheswari Kirana Wibawa Regita Eliana Simanjuntak	Secondary	Environment	Optimization of Food Waste Management in the MBG Program through Mycoremediation Technology with Oyster Mushroom ( <i>Pleurotus ostreatus</i> )	SILVER
51	SMP IHSANIYAH TEGAL	Aisha Dzakira Areta Galsa Wastika Kasyifatus Sahla Rara Anindita Rahma Kiran Alifah Afriasna Nayshila Putri Andrayani	Secondary	Environment	Zelantah: Utilization of Waste Cooking Oil and Orange Peel into Eco-Friendly Hand Soap	SILVER
52	SMPN 1 SURAKARTA	Dewi Queen Velina Anggia Putri Akihiko Ihsan Senjoyo Adelia Putri Sofie Ana Dafina Khairunisa P Agusta	Secondary	Environment	ELECTRAITUM: Collaborative Innovation in Rainwater Processing Based on Electrolysis, Towards Smart Energy Schools, Zero Tap Water and Plastic Waste	SILVER
53	MAN 6 JAKARTA TIMUR	Fairuz Awaliyah Hazami Aisyah Intan Rochimah Cellya Adisty Beatricia Aminallah Muhammad Qistan Bilal Raihanah Najla Putri Prisa Zindan Prastyta	Secondary	Environment	Turning Organic Waste into Sustainable Solutions: Application of Maggot Frass Biofertilizer at MAN 6 Jakarta to Support The Adiwiyata Green School Program	SILVER
54	MAU AMANATUL UMMAH SURABAYA	Alan Bintang Sanjaya Azka Zufar Ramadhan Viandi M. Kamil Ega Fairuz Athour Rohman Auliyaaur Rohman Wais Al Qurni	Secondary	Environment	OxiLeaf: Artificial Leaf Innovation Based on Bioplastic and Activated Charcoal as an Air Pollution Filter for a Healthy Environment	SILVER
55	SMAS Golden Gate Makassar	Michelle Yauri Aeko Amellia Andi Adlyna We Ati	Secondary	Environment	From Waste to Wealth: Kitchen Waste Biochar for Soil Moisture Conservation	SILVER

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		Mega Andrianne Kristanto Cheryl Annabelle Grace Natalie Putri Tiyow			and Condition Enhancement	
56	SMA TARUNA NUSANTARA KAMPUS MALANG	Ghufran Al-Farisi Gede Panji Gelgel Wiradarma Gaza Alexander Fauzi Ahlan Mustafa	Secondary	Environment	Utilization of Waste Tires and Recycled Plastic as Sustainable Raw Materials for Roof Tiles: Mechanical, Thermal, and Environmental Analysis	SILVER
57	MAU AMANATUL UMMAH SURABAYA	Dhani Habib Julianizki Davino Galena Viko Putra Azfar Farzana Abiyan Yusuf Al Ghfari Daffa Taniam Barradien	Secondary	Environment	Bio-Sponge: An Eco-Friendly Sponge Innovation Made from Coffee Grounds and Natural Pectin as an Absorbent for Oil and Pollutants	SILVER
58	SMAS AL BINAA SMAS AL BINAA SMAS AL BINAA SMAS AL BINAA SMAS AL BINAA SMAS AL BINAA	Dwi Raihana Aristanti Ulfah Mumtazah Tiara Nabilah Aqila Danisyah Mardhatillah Zafeera Athaya Harjono Namiya Syakira Muslim	Secondary	Environment	Biopap: From Waste to Worth – Innovative Biodegradable Paper from Household Vegetables	SILVER
59	SMP ISLAM SABILILLAH MALANG	Haura Paramesti Renata Calysta Ezakhil Yudhistira Aliqa Fatka Namira Zodia Linbriani	Secondary	Environment	Aqua Shield	SILVER
60	SMP ISLAM SABILILLAH MALANG	Ratu Alya Janeeta Azzahra Rayhan Azka Prayudi Rania Adzki Hilmy Muhammad Shadiq Abdurrahman Affan Mubarok	Secondary	Environment	Convenient Sea Clearner Boat	SILVER
61	SMA NEGERI 3 DENPASAR	Ni Putu Kaori Asti Arun Dharmanatta I Wayan Tabah Satya Wiguna Luh Gede Rai Anindya Pramesti Dewi Luh Angelica Nindya Prameswari Made Anantawijaya Giriwidya Hantana	Secondary	Environment	Bioplastics from a Combination of Cempedak Seeds ( <i>Artocarpus champeden</i> ) and Pineapple Leaves ( <i>Ananas comosus</i> )	SILVER
62	SMA ISLAM SABILILLAH MALANG BOARDING	Mahira Yukifreya Nareswari	Secondary	Environment	Analysis of Transportation Problems in Batu City as a	SILVER

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	SCHOOL SISTEM PESANTREN	Almaz Laiqa Putri Petir Nabilah Allisyah Putri C.A Mazaya Azka Rafida Adz Dzakiya			Tourist Destination: Literature Study	
63	SMA ISLAM SABILILLAH MALANG BOARDING SCHOOL SISTEM PESANTREN	Aurellia Salsabila Putri Lukita Mutiara Aji Widiaswari Aisyah Kirana Hanarto Aisyah Aninda Kirani Syifa Fuada El Fanni	Secondary	Environment	INNOVATIVE DEVELOPMENT OF PERVERSUS CONCRETE FOR SUSTAINABLE URBAN MANAGEMENT	SILVER
64	MAU AMANATUL UMMAH 03 PACET	Almira Zahra Sakhi Almira Septian Ramadani Rameyza Elya Putri Salwa Najmi Zahira Nayla Riha Syadziya Selly Baratania Kholik	Secondary	Environment	Development of Plant-Based Ink from Natural Dyes and Micro-Seeds for Sustainable Printing Applications	SILVER
65	SMP Negeri 2 Sedati Sidoarjo	Galih Arya Pradana Bintang Az Zahra Putri R Vienta Nadia Sekda O Cantika Permita Maharani Cinta Monalisa Larashati D.O Tavellyn Safa Felicia	Secondary	Environment	Utilization of Ketapang Leaf Extract ( <i>Terminalia catappa</i> L.) as an Active Ingredient in Eco-Friendly Hand Sanitizer	SILVER
66	SMA ISLAM SABILILLAH MALANG BOARDING SCHOOL SISTEM PESANTREN	Muhammad Dafa Almer Dzaky Rasyad Zahir Ubadah Muhammad Fadhil Musyafa Khawarizmi Bahramsyah	Secondary	Environment	RESPECT "REgency of Pasuruan for Smart, Progressive, & Eco-City Transformation"	SILVER
67	SMP ISLAM SABILILLAH MALANG	Muhammad Azam Al-Ghozali Ahmad Maula Royyanul Irfany Muhammad Raynor Rizky Kurniawan Abdillah Reihan Firnandho	Secondary	Environment	Gutter Cleaning Machine (GCM)	SILVER
68	MTs Sunan Pandanaran Sleman	Faiza Adilla Janetta Balqis Aisyah Azkia Ziyadatul Husna	Secondary	Environment	Gembiraca: MP-ASI Biscuits Made from Seaweed Waste and Eggshells as a Source of Minerals to Prevent Stunting in Toddlers	SILVER
69	SMA 3 Bahasa Putera Harapan	Claresta Aprilia Hasan Valerie Trisha Cahyadi	Secondary	Environment	Carbon Capture Optimization Using Microalgae: A Data-	SILVER

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					Driven and Machine Learning Approach	
70	SMA NEGERI 8 JAKARTA SEMESTA BILINGUAL BOARDING SCHOOL SMA NEGERI 8 JAKARTA SMA LABSCHOOL KEBAYORAN	Zhafira Maiza Firdaus Haryo Baskoro Pelangi Kamaya Bassa Muhammad Azka Fachry Aldia	Secondary	Environment	CO2 Sequestration and Glucose Synthesis with <i>Synechococcus elongatus</i> UTEX 2973 in an Air Conditioner-Photobioreactor system.	SILVER
71	SMPN 2 Sedati	Achmad Rizky Ady Saputra M.Galih Mahardika Putra Reifan Nasywa Alifia Salsabila Tiara Putri Arini. Fahradilla Syafita Triviani Shaquela Fern Rasendria	Secondary	Environment	Potential of <i>Averrhoa bilimbi</i> Fruit Extract as a Natural Active Ingredient in Deodorant Formulation	SILVER
72	SMP MUHAMMADIYAH 2 YOGYAKARTA	Dionisian Viva Manuskripta Anastasya Galuh Puspita Dewi Azalea Faiha Talita Rukmi Ammara Khairunnisa	Secondary	Environment	ANTI-TERMITE RECYCLED PAPER COMPOSED OF BANANA STEMS, WASTE PAPER, AND ORANGE PEEL EXTRACT	SILVER
73	SMA PRADITA DIRGANTARA	Aqeela Fazle Mawla Zhafira Laaili Janetta Irawan Amadia Nasywa Rachmadhiana Muhammad Abyan Zhafir Siregar Muhammad Raditya Fachrie Aliy Muhammad Farel Al Fawwaz Zam Zam	Secondary	Environment	Optimization of Modified TiO <sub>2</sub> /ZnO Composites for Sunlight-Based Air Pollutant Degradation: Effectiveness and Kinetic Parameter Study in Urban Environments	SILVER
74	SMP MUHAMMADIYAH PLUS GUNUNGPRING	Syakira Gian Kirana Fadya Chalifa Jannati Anindya Aulia Rahmanisa Janeeta Hisana Nabila Khalisa Nur Zakiya Lakaeisha Murakabi	Secondary	Environment	BIO-SORB: Eco-friendly Pumpkin Fibre Adsorbent for Decolourisation and Deodorisation of Waste Cooking Oil	SILVER
75	SMP MUHAMMADIYAH PLUS GUNUNGPRING	Nawal faridatul azzah Cynara queen nareswari Ghina nurani kamila Raissa firyal ivana Royan arsyavin Rashya ianka naufal	Secondary	Environment	BIOMAT-INK: Eco-Friendly Whiteboard Marker Ink Formulated from Dragon Fruit Peel	SILVER

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76	SMA TREN SAINS MUHAMMADIYAH SRAGEN	AULIANISA HANAN AZ ZUHRI SHERIL AGUSTINA SOLEHA MUTIARA AYU RENANDY NAELA ANTARIKSA NAIEMA HUSNA KAMILA ZAHIDAH RAHMA ALY HANAN	Secondary	Environment	SKETCH: Art Paper Based on Corn Husk and Sugarcane Bagasse with Kirinyuh Leaves Essential Oil as a Termite Repellent	SILVER
77	SMA TREN SAINS MUHAMMADIYAH SRAGEN	ANFASA MULKY EL SYARIF MUHAMMAD FAHRI ISMAIL MUHAMMAD AKHTAR ARFIANSYAH SABIQULINSI BIULUMIH EL WAFI MUHAMMAD DANA IHSANY ARARYA ZUHDAN FAHDIA	Secondary	Environment	Synthesis of Bioplastic from Sugarcane Bagasse and Gelatin Extracted from Chicken Bones Using Sorbitol as Plasticizer	SILVER
78	MAN 1 KUDUS	Raisa Sinta Wibowo Ilmira Norma Khoirunnisa Farihatul Asna Nihla Zukhruf Fahja Gysca Syakira Yuniedar Madinatul Munawwaroh	Secondary	Environment	ECONILLET – Transforming Lemna sp. and Citrus sp. Based Eco-Enzyme from Household Organic Waste into Sustainable Tilapia Feed	SILVER
79	SMP CITA HATI CHRISTIAN SCHOOL SURABAYA	Quincy Etania Sutrisyio Nicole Fennella	Secondary	Environment	MYCROGEN: Biodegradable Smart Packaging derived from Broccoli Residues, Carrageenan, and Mycelium( <i>Pleurotus ostreatus</i> ) with Dragon Fruit Pigment	SILVER
80	SMA TREN SAINS MUHAMMADIYAH SRAGEN	MIRZA MUHAMMAD MUMTAZA FATIR AZFA PRADILLA HUDZAIFAH AYYASH SYAAMIL MUHAMMAD AVREEL ARYA PRATAMA RAFIE RIZQULLAH RAZAK MUHAMMAD	Secondary	Environment	Green Detergent Based on Waru and Basil Leaves: An Innovative Solution for River Pollution Mitigation	SILVER

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		AKBAR DZIKRULLAH				
81	SMP MUHAMMADIYAH 3 YOGYAKARTA	Fina Nailatul Izzah Rachel Fatwa Santosa Kayla Ratu Arshita Nadhifa Aqilla B Rihanaura A. Khansa Charissa Audrey Fitria Jatmiko	Secondary	Environment	Making Biopolybags Made From Bagasse Waste With Full Cooking System Technology And Cone Molding	SILVER
82	MAN 2 BANTUL	Runnay Naya Nur Amalia Maulida Fatimah N.F. Unaishah Fauziyah Sekar N. Khansa Tsabitah S. Tsabbita Nurmala Sari	Secondary	Environment	IDENTIFICATION OF MICROPLASTIC ABUNDANCE IN SEDIMENTS IN THE GAJAH WONG RIVER, BANTUL REGENCY	SILVER
83	Pui Ching Middle School Macau	Ku Seong Lai Hsiao Pak San AO KAM HONG QU SHU YI CAI CHEOK WA	Secondary	Environment	A City Framed by Leaves, "Planted" for Coolness : A Green Infrastructure Approach to Alleviating Macao's Urban Heat Island Effect	SILVER
84	Carmel Pak U Secondary School	YEUNG KIN CHEONG CHONG YAN LOK SAMUEL ZHOU BOHEN HONG YIMING ZHANG XINYUE ZHANG KA LO	Secondary	Environment	Antibacterial bio-bandages	SILVER
85	Gigaquit National School of Home Industries	Chloe Jeannne P. Cruz Jharid C. Caga Carmela P. Bayang Trixie Althea L. Molina Kim M. Dumanig Jeah Sybelle M. Bayang	Secondary	Environment	SAPGUARD: DEVELOPMENT AND EVALUATION OF ECO-FRIENDLY SAP-BASED DUST SUPPRESSANT SOLUTION FOR SUSTAINABLE DUST CONTROL IN MINING AND CONSTRUCTION SITES	SILVER
86	Phatnawitya Yala School	Farhan Kumae Wanayshah Hemmin Arif Dohwang Ashrof Hayeesama-ae Affan Al-aman Banya Chaycheer	Secondary	Environment	Application of Chitosan Nanoparticles for the Adsorption of Heavy Metals from Wastewater	SILVER
87	Shun Tak Fraternal Association Yung Yau College	LI Hiu Yin WONG Nga Ki YIP Wing Sze	Secondary	Environment	SmartDrop: A Low-Cost Intelligent Irrigation System for Sustainable Agriculture	SILVER

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		TSE Chi Ching WONG Ka Long				
88	Shun Tak Fraternal Association Yung Yau College	CHEN Chun Fun CHEN Yan Ki MAI Tsz Fung Humphrey NG Chun Ting	Secondary	Environment	BreatheClean: A Smart Electrolyzed Water Air Purifier	SILVER
89	HUS HUS HIGH SCHOOL FOR GIFTED STUDENTS SAINT JOSEPH'S CATHOLIC ACADEMY, UNITED STATES LYCÉE FRANÇAIS INTERNATIONAL DE VIENTIANE UWC ISAK JAPAN HIGH SCHOOL FOR GIFTED STUDENTS, HANOI NATIONAL UNIVERSITY OF EDUCATION	Tong Thi Thanh Huong Nguyen Cat-Huy Anh H. Nguyen Nguyen Pham Tuan Khoi Ha Lan Uyen Nguyen Vu Ha Linh	Secondary	Environment	Biotechnological Extraction of Lawsone for Environment-Safe Natural Hair Dyeing	SILVER
90	Pui Ching Middle School Macau	CHEN CHI LOK CHEONG SIN NENG CHEONG CHENG UN YEUNG HOU SAM NG IEK HIN BOSCO	Secondary	Environment	Green Mountains, Not Green Waters: A Study on Solving Water Eutrophication Problems in Macau Using Electrolysis	SILVER
91	Özel Gaziosmanpaşa Şefkat Fen Lisesi	Nisanur Aktaş Elanur Yeşil	Secondary	Environment	Investigation of Paper Production and Efficiency from Stone Pine ( <i>Pinus pinea</i> ) Cones	SILVER
92	Matthayomkohmark School	Yosavadee Klawthanong Natchira Kuyloo Arisara Noonung Yothaga Nangkhasila Basil Lemsan Bennasia Chuken	Secondary	Environment	Transforming Plastic and Foam Waste into Useful Materials	SILVER
93	Cecyte 08, Tlaxcala. México	Anette Michel Sandoval Mimientzi Yoselin Rivera Malfavón Juan Mendiola Arguelles	Secondary	Environment	“Textli-Ahuacatl: Avocado Powder Project”	SILVER
94	SMP ISLAM SABILLAH MALANG	Haura Paramesti Renata Calysta Ezakhiel Yudhistira Aliqa Fatka Namira Zodia Linbriani	Secondary	Environment	Aqua Shield	SILVER

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95	SMP ISLAM SABILILLAH MALANG	Ratu Alya Janeeta Azzahra Rayhan Azka Prayudi Rania Adzki Hilmy Muhammad Shadiq Abdurrahman Affan Mubarok	Secondary	Environment	Convenient Sea Clearner Boat	SILVER
96	MAN 2 BANTUL	Ahmad Faiz Kamal Habib Nur Wahyudi Roldan Akmal A.G. Alicia Silvana S.R. Asiyah Nadia Sifa Ramadhani	Secondary	Environment	THE POTENTIAL OF CORN HUSK WASTE AS A MATERIAL FOR MAKING ENVIRONMENTALLY FRIENDLY BIOPOLYBAGS	BRONZE
97	SMP NEGERI 1 SURABAYA SMP NEGERI 1 SURABAYA SMP NEGERI 1 SURABAYA SMP NEGERI 1 SURABAYA	Daffina Lacreshia Riqqah Putri Rubina Alya Zafira Ida Ayu Audrey Prameswari Prayoga Aurelia Felisha Nayla Putri	Secondary	Environment	Utilization of Cassava Peel Starch and Peanut Shell Cellulose for the Development of Biofoam as an Eco-Packaging Material	BRONZE
98	SMP NEGERI 12 YOGYAKARTA	Aryadamar Bintang Agwida Faiz Atoillah Ramdhani Suhaemi Alisha Putri Nafeeza Balqisyah Aretha Zayeda Kei Sinara Aynda Whicaks Vanda Putri Kinasih	Secondary	Environment	SWIFT (Sustainable Waste Furnace with Smoke Purifier to Reduce Waste at TPS 3R Of Yogyakarta)	BRONZE
99	SMA Kristen Saumlaki, YPPK Dr. J.B. Sitanala, Maluku	Nadila Bilha Lusi Ranhkoratat Ferdinan Masihin	Secondary	Environment	Moringa ( <i>Moringa oleifera</i> ) Leaf Processing as Stunting Prevention Candy	BRONZE
100	SMAS GOLDEN GATE MAKASSAR	Adriel Hein Rikkard Malonda Angelina Monica Agussalim Ester Kusuma Samuel Nathaniel Widyanto Gosali	Secondary	Environment	AROMABSORB INNOVATION AS A PRODUCT TO REDUCE CO2 CONCENTRATION AND NEUTRALIZE SOUR SMELL	BRONZE
101	SMP Negeri 3 Denpasar	Putu Cesya Kirana Sridevi Putu Wikania Putri Ni Wayan Ayunda Hapsari Wedanthi I Gusti Ngurah Bagusaka Arya Aditia Gede Mahathma Kenzie Saputra	Secondary	Environment	ECOTICTOR: Utilization of Rice Wastewater, Chitosan and Telang Flower Extract ( <i>Clitoria Ternatea</i> ) in Making Acid-Base Based Food Freshness Indicator Film	BRONZE

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102	SMA Kolese Kanisius	Reinier Louis Stefano Ray Andrew Wijono Theodore Rex Semita	Secondary	Environment	CATCH: Carbon Dioxide Absorption and Treatment Chamber Using Alkaline Sorbents	BRONZE
103	SMP NEGERI 12 YOGYAKARTA	Aryadamar Bintang Agwida Faiz Atoillah Ramdhani Suhaemi Alisha Putri Nafeeza Balqisyah Aretha Zayeda Kei Sinara Aynda Whicaks Vanda Putri Kinasih	Secondary	Environment	SWIFT (SUSTAINABLE WASTE FURNACE WITH SMOKE PURIFIER TO REDUCE WASTE AT TPS 3R IN YOGYAKARTA)	BRONZE
Life Science						
104	Heep Yunn School	CHEUNG Maisie Cheuk Yu CHAN Ka Kiu CHAN Fei CHAN Hei Ching	Secondary	Life Science	Enhancement of Drug Tablets for Intestinal Medication Using Seed Extracts and Licorice Hydrogel	GOLD
105	Kru Mhon School	Arthikom Laisin Patcharapron Yamkleeb Panisara Settavongsin Wanchan Ekwiwattanakul Raksita Theerawongpaisan	Secondary	Life Science	MpoxDetect: Streamlined Monkeypox Screening via Colorimetric Testing	GOLD
106	Kru Mhon School	Kantaphat Kranjanapaisit Phattarachanok Fuangworawong Jarintip Wanwanichai Nutthanun Noyruprao Vedaz Dulyasatt	Secondary	Life Science	ThermoSmart Glucosamine Hydrogel: Experimental Investigation with Modeling Support for Controlled Release Applications	GOLD
107	Sakolrajwittayanukul school Waratchaya Saengphaidaeng Prakaykeaw Duangsri Thanakorn Traithilen Chirathip Sugan Tharathep Thanthongdee	Waratchaya Saengphaidaeng Prakaykeaw Duangsri Thanakorn Traithilen Chirathip Sugan Tharathep Thanthongdee	Secondary	Life Science	Seafood Freshness Test Kit Using Paper-Based Sensor from Mulberry	GOLD
108	Public Institution "Repuplican Centre of ecology anf local studies"	Romanyshyn Artemiy	Secondary	Life Science	An updated formula for kombucha: probiotic-type drinks based on an artificial consortium of microorganisms.	GOLD
109	Public Institution "The	Nikita Kovriga	Secondary	Life Science	Mitigation of the Negative	GOLD

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	Republican centre of ecology and local studies"				Effect of Herbicide Treatment using current microbial strategies	
110	Varee Chiang Mai School	Natcha Theerapiboon Pikulrat Aramkajorndej Weeranya Wongsamut	Secondary	Life Science	The Development of Artificial Intelligence to Detect Abnormalities in the Ovaries Through the Analysis of Ultrasound Images for the Diagnosis of PCOS	GOLD
111	St. Johnsbury Academy Jeju	Jay In Park	Secondary	Life Science	Gut Microbial Community Dynamics in Jeju Horses Suffering from Digestive Problems	GOLD
112	Philippine Science High School - Main Campus	Lovina Mia L. Suguitan Ramon Jurelle Perez Joshua Mark E. Reysio-Cruz	Secondary	Life Science	Recombinant Expression of Conopeptides from <i>Conus striolatus</i>	GOLD
113	Phimanphitthayasan School	Nawin Malinee Natthaphat Pachu Nattawat Ruangpoon Chananbukit Chaiyakul Arif Changwang Chinnakrit suwanna	Secondary	Life Science	“Aloe Vera Cold Compress Pack”	GOLD
114	Kru Mhon School	Apichaya Lojjanaakapong Tuanurlaila Jantarattana Chutchaya Kuwatana Nantachchaporn Samnieng Pitiwat Pitiporn	Secondary	Life Science	Development of a Polymer-Based Coating System for Sustained Release of Cefazolin to Prevent Post-Surgical Implant-Associated Infections in Orthopedic Surgery	GOLD
115	Kru Mhon School	Parinda Sriprathai Namtip Ruchatachat Kiratchapat Sirisareewattana	Secondary	Life Science	Colorectal Cancer Suppository Formulated with Zerumbone from <i>Zingiber montanum</i> in PLGA-Lipid Hybrid Nanoparticles to Enhance Cytotoxicity on HCT116 Cells	GOLD
116	SMP Negeri 1 Denpasar	Ngurah Bagus Raditya Ananda Puja	Secondary	Life Science	Green UV Protector Nanospray: “Meen-Co Shell” Sunscreen Utilizing Mangosteen Peel, Coffee Waste, and Eggshells	GOLD
117	SMA Negeri 1 Palu	Caitlin Neisha Waraputra Chusnul Chatimah Lamohamad Daffa Daviansyah	Secondary	Life Science	PRODUCTION OF BIOPLASTIC BASED ON SUCCINIC STARCH ( <i>Artocarpus Communis</i> ) WITH THE ADDITION OF	GOLD

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		Chairiadi Nabil Armansyah Effendy Ni Ketut Ayu Parwati			POLYVINYL ALCOHOL (PVA) AS A PLASTICIZER	
118	SMP Muhammadiyah Plus Gunungpring	Naura Aisa Ayunindya Alena Davina Adzkiya Rasidha Mutia Sari Naqiyya Ghaziyah Mumtaz Sadida Aina Ra Salsabila Zahira Fidelia Putri	Secondary	Life Science	Citrus-Solve: Oil Stain Remover from Orange Peel Waste	GOLD
119	SMA TRENSAINS MUHAMMADIYAH SRAGEN	BERLIAN ORIE NOOR LATIIFA HALWA IZZY AMEEN KHARIMASTUTI KIREINA YUDA MALIKA MARISA AMALIAH MA'ARIF RAHMA AULIA RAMADHANI CITRA KUSUMAWATI	Secondary	Life Science	ALOTEA: Innovation Skin Spray from Aloevera and Tea Leaves for Treat Redness	GOLD
120	SMA TRENSAINS MUHAMMADIYAH SRAGEN	AFDHILLA GH AISANI SHOOFIYA NAILA RAHMATIKA 'AZUMAH HAFIDZHAH LUTHFIANA HUMAIRAH BILQIS FAUZIATUL ULYA A'IDAH MAHDYAH MAJID FAUZIAH NUR HIKMAH	Secondary	Life Science	CLEAFIT: Eco-Friendly Detergent Paper from Moringa, Pineapple Peel, and Papaya Leaves in Water Soluble Paper for Preventing Irritant Contact Dermatitis	GOLD
121	SMA TRENSAINS MUHAMMADIYAH SRAGEN	AURELIA RAFA MARITZA FAYYAZA AAMIRA NUHA NAIRA AURELIA FAZILA YUWANITA RAHMAWATI NAZILA AROFAH QURRATA'A'YUN	Secondary	Life Science	ANTIGO (Antibacterial Gummy Soap): Addition of Betel Leaf Extract (Piper betle) in The Utilization of Used Cooking Oil	GOLD
122	SMP IT BINA AMAL	Aufa Huriyatus Salsabila	Secondary	Life Science	The Potential of Eggplant and Dragon Fruit Peels as	GOLD

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		Anindya Khairunnisa Aisyah Loveihana Khalila Nadzirin Alizza Ameera Shaliha Afifah Nadia Kamila Putri Saifany Zyarifa Dyah Sharafana Yustjandra			Sunscreens to Combat Free Radicals	
123	SMA Negeri 4 Denpasar	Kadek Nathan Karney Kayana I Gusti Ngurah Agung Abhirama Wijaya Luh Gede Jyestha Jyotir I Komang Teguh Wiraguna Ni Komang Manika Sita Dewi	Secondary	Life Science	FITONORI: Non-MSG Nori from Kale Leaves, Tea Grounds, and Black Chia Seed to Support Digestive Health and Prevent Constipation	GOLD
124	SMA LABSCHOOL KEBAYORAN	Zidni Adam Zayyidane Mochtar Muhammad Fatih Akbar Nata Sudira Adhisakti Satriadi	Secondary	Life Science	EXPLORING THE FORMULATION OF A NEUTRAL PH CLEANSER DERIVED FROM NATURALLY ACIDIC ECO-ENZYME AND SPATHOLOBUS LITTORALIS EXTRACTS FOR SKIN AFFECTED BY ATOPIC DERMATITIS	GOLD
125	SMP NEGERI 12 YOGYAKARTA	MARSHELA PUTRI NURAFA NISWA QUDSIA DZAKIA ALFARRAH SYAFINA KEYLA WIDODO KEYSHA AMALIA ZAHRA ARYANTI EARLINE KEMALA MAHARANI AISHA MAHYA MAHDYIA	Secondary	Life Science	ORANGE MALU: AN INNOVATIVE LOTION MADE FROM MIMOSA ROOT EXTRACT (MIMOSA PUDICA) AND ORANGE PEEL EXTRACT (CITRUS SINENSIS) FOR NATURAL SKINCARE	GOLD
126	SMA Cikal Amri-Setu ACS JAKARTA Jakarta Intercultural School Sekolah Dian Harapan Makassar	Unaiza Nayefa Rambe Jocelyn Nathalyna Tan Giselle Purnama Valerie Likadinata	Secondary	Life Science	Konjac-Based Functional Gels Enriched with Indonesian Herbs: Effects on Gel Strength, Water Holding Capacity, and Antioxidant Capacity	GOLD
127	SMA TRENSAINS MUHAMMADIYAH SRAGEN	CLARISA LUTFIA ANJANI HAMIDAH LUTHFIYYAH	Secondary	Life Science	Biodegradable Wound Dressing from Oxidized Coconut Coir Cellulose Enriched with Ketapang Leaf	GOLD

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		KHANSA NABILA SYAFIRA FEODORA CALLYSTA ASHAR ZUYYIN NA'IMATU SHOLEHA ANGGIT KHOIRUNNISA			Extract fot Hemostatic and Antimicrobial Applications	
128	SMA TREN SAINS MUHAMMADIYAH SRAGEN	YUMNA ALIFIA HAFIZHAH ULWA ZALVA NAFISA KHOIRUNISA ALVIANDARI LATHIFAH NAJLA SANTIKA RAIHANA ADZRA HANUN RATNA AZNI AZARIA	Secondary	Life Science	MAGIC: The Potential of Mangosteen Peel ( <i>Garcinia mangostana L.</i> ) and Dayak Onion ( <i>Eleutherine bulbosa</i> ) as Wound Healing Gels	GOLD
129	SMA TREN SAINS MUHAMMADIYAH SRAGEN	NOKHIEA AYU RAHMASARI INDY ZAHIRA AINUSSHOFA HIZBATI DISAMBRA MAULIDA RAHMATYA DIVA RAFEYFA ASYLA FARAH FIRJATULLAH WIDYANSYAH	Secondary	Life Science	ECONA: Eco-Friendly Bamboo ( <i>Bambusa sp.</i> ) and Pineapple Peel ( <i>Ananas comosus</i> ) Transformation to Reduce CO Emissions from Vehicle Exhaust	GOLD
130	SMA TREN SAINS MUHAMMADIYAH SRAGEN	NAJMA SALISA RAHMA AIRA SASTRA MADINAH EDY NAJWA HANUM SALSABIELLA LALITA ARGIA BESARIANI ZULFA AULIA SUBEKTI NABILA SAFIRA RIZKY IRAWAN	Secondary	Life Science	Innovation of Mosquito Repellent Paper Based on Lemongrass and Orange Peel Extracts as a Natural Mosquito Repellent Alternative	GOLD
131	SMA TREN SAINS MUHAMMADIYAH SRAGEN	AISYA ASABILLA ASTYA FAALIH HASNA ROSYIDA RAMADHINA SHAFA MUFTI MUFLIH HANUM FAIROEZ	Secondary	Life Science	Effectiveness of Biochar from Rice Straw and Cow Bone Meal on Soil Quality and Growth of Spinach	GOLD

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		EZZATEE NABILA PRAMUDYAH FARIHA RAHMA MARDHIYAH				
132	SMA TREN SAINS MUHAMMADIYAH SRAGEN	AL FARUQ YUSUF MINAWAN ALTAMIS AHNAF ESALKA EVAN FAUSTA SUBAGYA MUHAMMAD NAUFAL TAMMAM AL MUBARAK AZRI DHORIEF AHMAD ARYA PRATAMA PUTRA	Secondary	Life Science	Optimization of Activated Carbon from Goat Feces with KOH Activator for The Reduction of Vehicle Exhaust Gas	GOLD
133	SMA Negeri 1 Banda Aceh	Fathina Ezza Bunga Asyfa Moula Shaki Silvia Khairunnisa Vanessa Limurty Vanessi Limurty	Secondary	Life Science	The Effectiveness of Combining Patchouli Oil ( <i>Pogostemon cablin</i> Benth.) and Temurui Leaf Extract ( <i>Murraya koenigii</i> ) as a Natural Shampoo in Reducing Hair Loss	GOLD
134	SMP NEGERI 13 YOGYAKARTA SMP NEGERI 13 YOGYAKARTA SMP NEGERI 13 YOGYAKARTA	Nadya Aurelia Riani Latifah Az Zahra Achrisamoura Atha D'Arindrayana	Secondary	Life Science	Tempe Fermentation Booster By Increasing CO <sub>2</sub> Concentration During Enhanced rhizopus oligosporus	GOLD
135	SMA NEGERI 3 SEMARANG	Augiene Aracelly Limbong Belvi Laksita Ayu Naila Salsabila Irfa'i Putri Safaraz Aufa Azalia Dwianto	Secondary	Life Science	YoGlow : Your Option Glow Lady's Own Wellness As a Prevention of Vaginal Discharge in Women	GOLD
136	MAS AMANATUL UMMAH SURABAYA	Muhammad Rasya Akmal Alamsyah Muhammad Zaki Munif Muhammad Fakhri Rasyad Nur Hidayat Muhammad Taufik Hardi Purnomo Achmad Syibli Urip Ainul Yaqin Faruq Arrafi Rusydi hartono	Secondary	Life Science	The effectiveness of pineapple peel extract ( <i>Ananas comosus</i> ) in inhibiting the growth of Gram-negative bacteria in fish.	GOLD

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137	SMP LABSCHOOL CIRENDEU	Prabhakanti Arumwening Ahyaverda Kencana Genta Aksamala Raihana Khanza Lathifa Prayogi Raya Triandini Kenisha Aqila Kanara	Secondary	Life Science	River Waste Collecting Mechanism Using Recycled Plastic to Create Dams and Prevent Marine Debris Water Pollution	GOLD
138	SMP Labschool Cirendeu	Aila Sabina Yasmin Firzanisqa Syafitri Puti Rubia Arman	Secondary	Life Science	Turning Household Waste into Ink	GOLD
139	SMP GOLDEN GATE SORONG	Cheisan Hendrika Santoso EVANDERS FAUSTINE HERMAN SYAH Jayden Josua Mizael Samson Natalia Chelsy Kambu Enjel Jasmine Kewetare Alzena Safa Parenrengi	Secondary	Life Science	UTILIZATION OF SAGO CATERPILLARS FOR HERBAL OINTMENT: SOCIAL INNOVATION FOR HEALTH IN TREATING WOUNDS, SUPPORTING ECONOMIC, AND PRESERVING LOCAL WISDOM	GOLD
140	SMPN 1 WARU	M. Nahdiar Arizahaq NAFISAH VANDRA RAMADHANI Jenifer Rosemay Kristanto Putri Jihan Elya Azizah Melvin Ramdhhan Al Raafi RR.VALERIE ALLODYA	Secondary	Life Science	The Antioxidant Potential of Aloe vera and Hibiscus rosa-sinensis Extracts as Moisturizing Agents in Lip Balm	GOLD
141	SMA NEGERI 3 DENPASAR	Ni Putu Aesha Nandini Ni Putu Giok Kesyatari A.A.I Adi Premadhani Wahyuningtyas A.A.I Ayu Widya Ambari Putri Ida Ayu Hita Nandiya Chandani Dewa Gede Ravendra Ananta Putra	Secondary	Life Science	DENJUS: Ethanol Extract of Mistletoe Leaves ( <i>Dendrophthoe glabrescens</i> ) for Burn Wound Healing in Mice	GOLD
142	SMA NEGERI 3 YOGYAKARTA SMA NEGERI 3 YOGYAKARTA SMA NEGERI 3 YOGYAKARTA SMA NEGERI 3 YOGYAKARTA	Nico Adryanto Wibowo Bimo Kimi Fahrezi Abimantra Pramasadiya Radithya Yusuf Nayottama Diaz Fahreza Ardiansyah	Secondary	Life Science	Mirber Padz Benefits: Turning Tart into Treat	GOLD

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	YOGYAKARTA					
143	Sakolraj Wittayanukul School	Thanachart Chomtraikup Nintira Ritphaibun Thanyawee Wongkhamlue	Secondary	Life Science	Biomimetic Fruit Wrapping Material Based on Moth Larval Case Morphology for Controlling Fruit Flies, Fire Ants, and Mealybugs	SILVER
144	Hanoi Amsterdam High School for the gifted, Hanoi, Viet Nam Hanoi Amsterdam High School for the gifted, Hanoi, Viet Nam Hanoi Amsterdam High School for the gifted, Hanoi, Viet Nam Hanoi Amsterdam High School for the gifted, Hanoi, Viet Nam Hanoi Amsterdam High School for the gifted, Hanoi, Viet Nam Hanoi Amsterdam High School for the gifted, Hanoi, Viet Nam	Quan Vu Thanh Ha Nguyen Nhat Nam Nguyen Van Thanh Pham Vu Hoang Bach Nguyen Ngoc Anh	Secondary	Life Science	Handmade Soothing Gel from Perilla Essential Oils and Aloe Vera	SILVER
145	KHANE E NOOR HIGH SCHOOL	Suhail Sikander Nasir Akbary	Secondary	Life Science	Dynamic Cryopreservation	SILVER
146	Saint Paul Preparatory Seoul	Sowon Bok	Secondary	Life Science	Antibacterial Properties of DEFB1 Protein Against Oral Bacteria Streptococcusmutans	SILVER
147	Princess Chulabhorn Science High School Nakhon Si Thammarat	Tritod Petlong Pannatorn Sukanan Natchaphon Sukphon Sukrid Machatree Viroat Doemkhlang	Secondary	Life Science	Phytophthora Detection and AI-Tracking Kit using Free-Hand Section for Early Durian Root and Stem Rot Risk Management	SILVER
148	Cheongna Dalton School	Haryung Koo	Secondary	Life Science	Phytochemical Intervention in Schizophrenia: Hemp Seed Oil Restores Mitochondrial Function and Glial Morphology Under Oxidative Stress	SILVER
149	Udomdarunee School Sukhothai Province, Thailand	Punnisa Tangsawat Chompoonut Choeiwadkoh Kannika Wongklom	Secondary	Life Science	The Development of a Soap Product Containing Coarse Extract of Siam Weed Leaves to Inhibit Staphylococcus aureus	SILVER
150	Dulwich College Seoul	Cheng Min Sun	Secondary	Life Science	Audible Sound-Induced Micro-Vibrations Enhance Wound Healing in Human Dermal Fibroblasts	SILVER
151	SMA ISLAM AL AZHAR	BRIAN ALVARICO	Secondary	Life Science	Transforming Banana Peel	SILVER

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	14 SEMARANG SMP NEGERI 21 SEMARANG	ANWAR DILAN CYRILLO ANWAR			Waste into a Regenerative Burn Cream: A Natural Solution for Diabetic Skin Recovery	
152	SMA AL-WILDAN ISLAMIC SCHOOL 3 BSD CITY	Fortero Amari Pasaribu Raffa Muhammad Dzaki Fadhlirrahman Rafif Zufar Syahmi Albugis Fadhan Faiz Basyarahil Faiz Mahdi Daulay Athaillah Farrel Inandra	Secondary	Life Science	EWART (Eggshell Waste as Ready-to-use Therapeutic Food)	SILVER
153	MA Unggul Sabira IIBS	Syazani Isham Abrisam Samy Ahmad Setyawan Muhammad Naufal Zayyan Nabawi Muhammad Zaidan Faqih Al Hafidz Muhammad Hasan Nusoiri Yusuf Abdurrachman Baliyya Al Arief	Secondary	Life Science	QIYAMUL LAIL: CIRCADIAN RHYTHM REGULATION IN DELAYED SLEEP PHASE SYNDROME AS A PREVENTIVE MEASURE FOR HEART DISEASE	SILVER
154	SMA REGINA PACIS BOGOR	Gabriel Edyanra Sinulingga Theodorus Lugahon Saragih Amasa Aclennoa Anakin Valentino Gunawan Stefanus Aditya Triatmaja Benedictus Yoda Handaru	Secondary	Life Science	Herbava : The Utilization of Lemongrass and Clove Extract as Mosquito Repellent Spray	SILVER
155	1. SMP Al Falah Ketintang Surabaya 2. SMP Al Falah Ketintang Surabaya 3. SMP Al Falah Ketintang Surabaya 4. SMP Al Falah Ketintang Surabaya 5. SMP Al Falah Ketintang Surabaya 6. SMP Karangturi Semarang	1. Muhammad Leon Aldi Rauhillah 2. Diandra Fitria Nugroho 3. Kevin Rajendra Aprilio 4. Kiara Aurelia 5. Alexandra Nararya Putri 6. Farid Athaya Rahman Harahap	Secondary	Life Science	KOPEE (Kombucha Coffee Peel Emulgel): A Novel Natural Anti-Acne Topical Formulation	SILVER
156	SMA CERDAS BANGSA	Cathlyn Yvaine Lesmana Cathleen Nathania Wijaksono	Secondary	Life Science	Household Waste Utilization: Basil Leaves ( <i>Ocimum basilicum</i> ) and Tea Dregs ( <i>Camellia sinensis</i> L.) as a	SILVER

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		Chyra Qyannisa Zoraya Ilham Clarissa Ceylyn Go Jesslyn Griselda Thung			Natural Remedy for Acne and Foot Odor	
157	SMA Pradita Dirgantara	Andra Dimas Nurpratomo Annisa Nabilah Zahra Akbar Wicaksono Nugroho Ardiatma Galuh Athailla Wijaya Halwa Anjumi Alvinnuri Rania Azzahra	Secondary	Life Science	Exploring Tuak Bali's Glucose Levels via UV-Vis Spectrophotometry for Food Innovation in Diabetes Prevention	SILVER
158	SMA Negeri 68 Jakarta	Indira Noura Kalyca Humaira Siti Fatimah	Secondary	Life Science	Potential of Tropical Endophytic Fungi as Environmentally Friendly Industrial Enzyme Factories	SILVER
159	SMA KARANGTURI	Gabriella Fiona Prasetya Kurniawan Andrew Chrystian Susilo Tiffany Elsa Harsariti Vianca Delci Utomo Yohana Gracia Widigdo	Secondary	Life Science	Synergistic Effects of Dioscorea esculenta and Terminalia catappa Extracts in a Herbal Ointment to Improve Wound Healing in Animals	SILVER
160	SMAN 28 JAKARTA	Aisyah Shafa Nazaya Keiralea Damitha Arisman Nagita Farizka Laing	Secondary	Life Science	The Effect of pH in Liquid Organic Fertilizer from Varying Ratio of Rice Washing Water and Banana Peel Extract on the Growth of Chilli Pepper Plant	SILVER
161	SMA NEGERI 47 JAKARTA	Archadiwto Figlio Pradiananto Daneesa Anindyazzahra Azwar Dimas Septio Aji Dyandra Fatiha Ghassania Shaquille Abhiraja Rasendria Prakoso	Secondary	Life Science	MoriBerry: Chewing Gum with Antioxidants and Calcium from Berries and Moringa Leaves to Reduce Inflammation in Autoimmune Conditions	SILVER
162	SMA Taruna Nusantara Kampus Malang	Darma Prasetya Buwono Danish Hadi Pradipto zahra annisa nur aulia Cut Tiara Tigintarapti Sultan Rafif Arkana	Secondary	Life Science	Purionix: Innovative Green Hydrogel Filter for Sustainable Clean Water	SILVER
163	MAN 6 JAKARTA TIMUR	Keysha Alea Syeira Siti Nur Aisyah Mutiara Sya'baniyah	Secondary	Life Science	Noni Fruit Processed Into Healthy Candy For The Benefit Of Students	SILVER

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		Adesty Laras Setia Shania Mirza Matondang Tikah Aulia Gunawan				
164	SMA NEGERI 4 TEBING TINGGI	M. Fahri Ramadhan Dinda Yunita Renata Sitorus Satria Wira Buana Azis Muchlis Asyfa Syakirah	Secondary	Life Science	Choux Pastry: Healthy Snack Innovation Made from Durian Seed Flour with PANSOL Custard	SILVER
165	SMAS GOLDEN GATE MAKASSAR	Livia Valencia The Adelia Khanza Oktari Andra Timothy Spaans Beinhard Ricardo Marzuki Kiyoko Celine Bustam	Secondary	Life Science	Zero-Waste Food Innovation: Sustainable Cracker Formulation Using Banana Peel Flour, Soybean, and Eggshell for Functional Nutrition	SILVER
166	MAN 2 JEMBER	Excel Taruna Reksa Perkasa Novelia Cinta Nania Pratama M. Syahreza Pahlevi Aulia Riflah Zulaikhatal Karimah Syaza Calysta Putri Vina Dzakiyyatun Nisa'	Secondary	Life Science	Potential Bioactive Compounds from Mount Pasang, Jember, Indonesia: Phytochemical Analysis Using GC-MS	SILVER
167	MAU AMANATUL UMMAH 03 MAU AMANATUL UMMAH 03 MAU AMANATUL UMMAH 03 MAU AMANATUL UMMAH 01 MAU AMANATUL UMMAH 01 MAU AMANATUL UMMAH 03	FANI MANARA KAMILA RATU FARAH BILQISTI ADIBAH KHANSA LUBNA ATHALLAH ERLIARA FIRNA LIYAZKIA SAFIRA MAULIDIYA TAMAMI RADEN RORO SITI SHOFIATUNNISA RAHMAT	Secondary	Life Science	Iron Up! Fueling the Future: Youth Innovation in Iron-Rich Snacks Against Anemia	SILVER
168	SMAS Golden Gate	Felicia Ayleen Soelimin Abel Dalton Tandean Darryl Lloyd Zhang Farren Orlando Rico Thonardy Michelle Yauri Veisha Ailene Djauhary	Secondary	Life Science	From Kitchen Waste to Quality Check: Antibacterial Biosensors from Crab Shells and Dragonfruit Peels for Fish Freshness Detection	SILVER
169	SMA NEGERI 1 SEMARANG	Kirana Ayu Chairunnisa Naeema Sabiya Rusni Myiesha Nefa Ardhania Fatih Hannan Putra	Secondary	Life Science	Development of Oat-Based Mango Pudding with Bidens pilosa Leaves as a Functional Dessert for Immune System	SILVER

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		Rocha Wisnu Adi Nugroho			and Diabetes Management	
170	SMA Bopkri 1 Yogyakarta	Clarisa Frederica William Timothy Dharmawan Putu Adelia Putri Maharani Alecia Kenya Sutono Cheriesya Freya Kinaradjati Zhefanya Auliria	Secondary	Life Science	Utilization of Moringa Leaves (Moringa oleifera) and Mint Leaves (Mentha piperita L) as Low-Sugar Herbal Candy to Help Control Blood Sugar Levels in Children	SILVER
171	SMA NEGERI 4 TEBING TINGGI	Syakirah Zaini Syifa Jelita Tindaon Safa Amira Harahap Sylvia Natali Br Saragih Ervania Quesqi Lainty Saragih	Secondary	Life Science	CERIS JELLY CANDY: As An Alternative Way to Prevent Anemia in Adolescents Girls	SILVER
172	SMA Xin Zhong Surabaya	Chloe Precious Lee Dominika Jophiel Riangsaputri Clio Chandra Fanggidae Kylie Nicole Tobing Alicia Cyto Susanto Hiro Wilson Willianto	Secondary	Life Science	Phytotherapeutic Evaluation-Antihyperglycemic Potential of Azadirachta indica and Costus igneus Extracts to Regulate Induced Hyperglycemia in Mus musculus	SILVER
173	SMP LABSCHOOL CIRENDEU	Calya Rayska Namyra Syakirah Athaillah Deandra Malika Ferdy Martin Vania Keyza Kurniawan Anggun Raisa	Secondary	Life Science	From Ocean to Fashion: Algae Bio Yarn	SILVER
174	SMPN 1 WARU	Iqbal Rizky Wijaya Mikael Giovanni Nalendra MUHAMMAD NAFIS ALTAF Brilliant Aji Isaura Aqeela Titania Lynette Sophie Denis Fabianski	Secondary	Life Science	Development of Functional Candy from Noni (Morinda citrifolia) Extract for Digestive Health Support	SILVER
175	SMPN 1 WARU	Ahmad Fahriza Rahma Dianto Rahma Maula Majid Luthfiyah Akalili Keyla Aurelia Dillevy Nayaka Wirasatya Pangestu Raditya Maulana Rizqy A	Secondary	Life Science	The Effect of Jackfruit Seed Flour Addition on the Quality and Hypocholesterolemic Activity of Snack Bars	SILVER
176	MAU AMANATUL UMMAH SURABAYA	Allifiya Lintang Aulia Puti	Secondary	Life Science	AgroShield: Antimicrobial Biopolymer-Based Protective	SILVER

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		Nindya Putri Azkiyatuzzahroh Almira Syafa Avrillia Dewi Aizzatin Maghfiroh Ivana Pratisara An Nabila Jennita Ma'unal Aziz			Coating for Fruits from Moringa Leaves	
177	SMP NEGERI 12 YOGYAKARTA	1. VIOLITA TRIXIE TITACHELIA 2. SHENAZ DHIA RAISSA WANDRIA 3. DHIA SEKAR AYU KINANTHI 4. DIVIENA ANGELICA OVESEA 5. NEISYA ACHA KRISYALIA SAPUTRI 6. GISELA MAYNDITA PERMATA DEWI	Secondary	Life Science	Mahoni Herbal Latte : An Alternative Health Drink For Diabetes Patients	SILVER
178	SMP NEGERI 12 YOGYAKARTA	PURI JUNITA ISMADA NVIDIA SELLY VISTA AMANDA ASMARANTI AOI NUGROHO LINTANG MAHENDRA FELICIA NASYA DEVIANA RESTU BUMI MAINDRAWANTO	Secondary	Life Science	Herbal Spray Containing Phyllanthus Niruri and Aloe Vera Extracts for Healing Wounds	SILVER
179	SMAS ANTARTIKA SIDOARJO SMAS ANTARTIKA SIDOARJO SMAS ANTARTIKA SIDOARJO SMAS ANTARTIKA SIDOARJO SMAS ANTARTIKA SIDOARJO	Kharisy Elang Dewanata Elfreda Aulia Maheswari Muhammad Aiffu Madani Kurnianto Nirada Maheswari Mustikaningrat Otavia Andreani	Secondary	Life Science	Ngookies: Utilizing the Antidiabetic Substances in Achalypa indica and Cocos nucifera as Cookies to Prevent Type 1 Diabetes Mellitus	SILVER
180	SMA Negeri 11 Semarang SMA Negeri 11 Semarang	Najma Az Zafira Susanto Ayu Sekar Kinanti Kafka Falah Bayanaka Lovelia Ramadhani Omara Kusuma Putri Yatmoko Astri Hastaning Utami	Secondary	Life Science	The Benefits of Purple Sweet Potato Tape with Antioxidants and Iron to Improve Blood Circulation	SILVER

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181	SMA Labschool Cibubur	Madinarita Anindyadewi Rahadianputri Fahri Ramadhan Hendri Pasha Farabi Azzikri Maharani Putri Sengaji Raki Wistara Aria Haidar Almer Kafi	Secondary	Life Science	HONYCLE: MICELLAR WATER FORMULATION BASED ON HONEY EXTRACT AND HYPOCHLOROUS ACID AS A MULTIFUNCTIONAL AND SKIN-FRIENDLY CLEANSER	SILVER
182	SMA BOPKRI 1 YOGYAKARTA	Michael Albert Gotamawijaya Elnathan Andi Christiano Kezia Aurelia Peterson Lionel Arron Yonathan Daniel Satyadharma Christanto Kieron Sebastian Dimara	Secondary	Life Science	EDIBLE PACKAGING FROM CORN STARCH AS A SOLUTION TO HEALTH PROBLEMS CAUSED BY MICROPLASTICS IN YOGYAKARTA CITY	SILVER
183	SMP NEGERI 8 YOGYAKARTA	Keysha Mayo Elenova Nurshafa	Secondary	Life Science	MyriSkin Cream with Nutmeg Seed Extract: A Natural Approach to Reducing Hyperpigmentation Due to Prurigo Nodularis.	SILVER
184	SMA NEGERI 3 DENPASAR	Ni Putu Dinar Ramaniya Adisti Kadek Orlina Noja Putri Ni Komang Hasya Wicaksani Ni Putu Adelya Praba Iswari Ni Putu Feby Vijaya Puteri I Gusti Agung Ayu Anindita	Secondary	Life Science	PANIA: A Herbal Stick Balm from Kepok Banana Peel ( <i>Musa paradisiaca</i> ) and Gardenia Flower ( <i>Gardenia jasminoides</i> ) with Antianxiety and Antidepressant Potential	SILVER
185	SMA NEGERI 2 PEMALANG SMA NEGERI 2 PEMALANG	HASNNAH RAHMALIA AMELIA ASTA AIRA DESTY RAMADANI FAIZA ADNAN NIDA ARIYANI RATU FELISA	Secondary	Life Science	KUSAMBA: Processing Technology of Turmeric ( <i>Curcuma longa L</i> ) and Tamarind Paste as an Effort to Increase Farmers' Income	SILVER
186	SMA IT IQRA KOTA BENGKULU	Muhammad Razzaq Al-Qowi (Leader) Aelino Satria Pratama M. Thariq Assauqi Muhammad Safaraz Rafy Andhelha	Secondary	Life Science	Neuroprotective Functional Jelly from <i>Ficus carica</i> : Innovative Brain Food for Gen Z in Achieving Indonesia Emas 2045	SILVER

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		Alif Fatih Ramadhan				
187	MAN INSAN CENDEKIA SERPONG	Lusan Anjarinanti Aditya Achmad Rafeyfa Calla Asylacleosa Aisyhafiy	Secondary	Life Science	Cangkis, cookies rich in benefits as an effort to overcome stunting in toddlers	SILVER
188	SMA NEGERI 3 DENPASAR	Joanna Quinsha Putri Siahaan Desak Made Adila Ari Astika Dewi Ni Made Sastra Teja Wulandari Putu Chelsea Alandini Ni Made Sri Santika Wulandari Made Ari Laksita Dewi	Secondary	Life Science	BEELIMA: Formulation Fruit Leather from Beetroot ( <i>Beta vulgaris</i> ) and Pomegranate ( <i>Punica granatum</i> ) as an Anti-Anemia Supplement	SILVER
189	SMAS Kristen Petra 4	Emanuella Brightly Vidsie Andreas Jona Ginting Aurellia Jocelyn Ethan Joseph Joel Jeovanny Nathanael Adigo Nugroho	Secondary	Life Science	Therapeutic efficacy of <i>Allium sativum</i> L. extract for the diminished of type 2 diabetes mellitus.	SILVER
190	SMA TRENSAINS MUHAMMADIYAH SRAGEN	AISYA JINAN MARDHATILA ASSYIFA KHUSNUL AZZAHRA AZERINE SYESHA MUZETA DYAH ATHAFATIN NAFISAH EFITA PUTRI KRISTININGTYAS LUTHFIANA ORIE NOOR SHANTY	Secondary	Life Science	Utilization of Banana Peel Combined with Gambir Leaves and Binahong Leaves Based on Hydrogel for The Production of Second-Degree Burn Plasters	SILVER
191	SMP NEGERI 12 YOGYAKARTA	CINTA AYABI CHAIRUNISA THALITA CORDELLIA AZMI ELLENA AYU PUTRI AZIZAH SYAFIA RAFANI AZZAHRA DANELLA KAMASEAN ARUNA RISANDI ALEXANDER KELVIN CHRISTIANTO	Secondary	Life Science	Kilo Balm	SILVER
192	SMA TRENSAINS	SAFA BIAS AL	Secondary	Life Science	Development of Soy-Based	SILVER

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	MUHAMMADIYAH SRAGEN	ADAWIYAH RICE KURNIA RAMADANI NAMIRA KHAILA QURROTA AINI SABRINA WARDATUL JANNAH			Soygurt Fortified with Moringa Leaf and Mulberry Extracts as an Antioxidant Functional Food for Lactose Intolerant Consumers	
193	SMP Muhammadiyah Plus Gunungpring	Cheisha Chanaya Auliya Rochim Zulfa Afifatur Rahmah Dzakira Lubna Nisa Ainina Ruqaya Dewi Chika Evrilya Ilmiasya Zahrani Sakina	Secondary	Life Science	Floral Essence Paper: Oil Absorbing Paper with Aromatherapy from Paper Waste	SILVER
194	SMP MUHAMMADIYAH PROGRAM KHUSUS KOTTABARAT SURAKARTA	DINDA AZRA YUDANTO ARYADHIKA SHOFA NATAKUSUMA FATIHA NAIMADA SYARAFANA GHAISSAN AHMAD PARAMADITYA NAURA PRASHANTI KHAILLA WIDYA SAPUTRI	Secondary	Life Science	THE POTENTIAL OF SHELL AND LIME LEAF WASTE AS ENVIRONMENTALLY FRIENDLY TOOTHPASTE	SILVER
195	SMP MUHAMMADIYAH PLUS GUNUNG PRING	Syifa Wildanunnisa Prasetyo Roshanara Yaslin Nayla Elsa Aretha Shafina Ziankha Cahya Addien Saputra Dewi Atha Aprilia Widad Alifatun Nisa	Secondary	Life Science	THE POTENTIAL OF LIME PEEL AND LEMONGRASS OIL AS AN ANTI-MOSQUITO LOTION	SILVER
196	SMP MUHAMMADIYAH PLUS GUNUNG PRING	Indriasari Aulia Dewi Ghassani Fahma Amirotul Haq Tsabita Nabilah Al Hasna' Hana Elmajida RR. Nailah Rojab Ahza Tsabitah Bening Janitra Kani	Secondary	Life Science	THE POTENTIAL OF CASSAVA PEEL AS AN EDIBLE STRAW TO REDUCE THE USE OF PLASTIC STRAWS	SILVER
197	SMP MUHAMMADIYAH PLUS GUNUNG PRING	Anindhia Putri Yuwono Nadhila Aida Nugraha Sekar Ayu Lintang Pertiwi Syifa Nur Alifah Naila Fikria Khansanida	Secondary	Life Science	UTILIZING KEMUNING LEAVES AND LILY FLOWERS AS BODY FRAGRANCE INGREDIENTS	SILVER

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		Pembayun Noer Badiansyah				
198	Yongsan International School of Seoul	Jayden Moon	Secondary	Life Science	Comparative Cognitive Evolution: Brain Structure, Behavior, and Genetic Contributions in Humans, Chimpanzees, and Dogs	BRONZE
199	Triamudomsuksapattanakarn school	Nunnicha Pongveerachat Taya Musikim Pitchayanit Saengthong Patawee Kosonjaroenpas	Secondary	Life Science	A Study on the Efficiency of Sunlight in Inhibiting the Growth of Environmental Microorganisms Compared to Indoor Light	BRONZE
200	Matthayomkohmark School	Natthita Wannaro Thamonwan Osotwisut Chanthakan Phromthep Phonphimon khongkaekhluean Yatsamin Surakamhaeng Worakan Jantapaso	Secondary	Life Science	Development of Wound-Healing Gel from Thai Herbal Extracts	BRONZE
201	Sakolraj Wittayanukul School	Apitchaya Namlakorn Supravee Ruangvoraboon Pakhwn Pitaksaringkarn Meka Deesongkram	Secondary	Life Science	Bio-Inspired Bacterial Cellulose Films Enriched with Polyphenols from Antidesma thwaitesianum for Blood Clotting and Bacterial Inhibition	BRONZE
202	Lao Cai High School	Bui Manh Hai Hoang Gia Han Pham Thuy Linh Pham The Lam Bui Quang Minh	Secondary	Life Science	Automatic Head Protection Harness	BRONZE
203	SJKT SEGAMBUT (ONLINE)	SERVINA A/P NANTHAKUMAR VIGGNNAHARA A/L NAGARAJAH AKARSHH VISHVA A/L MARUTHU PANDIAN THRISHVAA RAJ A/L YUGARAJ	Secondary	LIFE SCIENCE	PREMIUM NATURAL MOISQUITO INCENSE CONES	BRONZE
204	SJKT PUCHONG (ONLINE)	ARRSHANN RAU A/L THUGENDIRAN OOVIIYAA A/P RAJESHKANNA NITHYAA A/P THANABALAN SAMEER ADITHYA RAJ A/L SUNDAR	Secondary	LIFE SCIENCE	ORGANIC FOOD CLEANSER	BRONZE

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		RAJ SHAVIN ASHANT RAJ A/L SUNDAR RAJ				
205	SJKT LADANG HIGHLANDS (ONLINE)	SAI VAISHNAV A/L JEEVA PRAKASH	Secondary	LIFE SCIENCE	MUSCLE ALCHEMY	BRONZE
206	Canyon Crest Academy	Jihoo Hyun	Secondary	Life Science	Advancing Autism Diagnosis: The Role of Machine Learning in Overcoming Traditional Barriers	BRONZE
207	SMP MUHAMMADIYAH 3 YOGYAKARTA	Retno Jinolly Anindya Maheswari Hendriyanto Anindya Maheswari Hendriyanto Queensha Bahira Danisy Ruth Mahanani	Secondary	Life Science	Utilization of Banana Peel Extract as a Soap to Remove Scars	BRONZE
208	SMA SAINS WAHID HASYIM	AZIZAH NUR FIDIYAH AZKYA KAYANA PUTERI MUFID GHAIDA NUR LARASATI HISYAMAH NAILIS SALIMAH	Secondary	Life Science	warmpifer	BRONZE
209	SMP NEGERI 18 SEMARANG	Faeyza Jayamargono Salsa Fadilah Gunawan Adhyastha Narendra Wahyu Diyantok Hilda Elvira Andriana Ufaira Nur Afifa Arkananta Naufal Nugraha	Secondary	Life Science	Utilization of Red Dragon Fruit Peel Powder as a Source of Carotenoids to Improve Pigmentation in Gold Fish ( Carassius auratus )	BRONZE

### Technology

210	SMAS AL IZZAH BATU	Muhammad Abyan Adnan Adaba Gyanarasya Al Ghifari Jian Hagan Manggala Muslim	Secondary	Technology	Know Your Air (KYA): A Smart Handheld Device for Real-Time Indoor Air Quality Monitoring of VOC, CO <sub>2</sub> , NO <sub>2</sub> , and Particulate Matter	GOLD
211	SMPI AL AZHAR 26 YOGYAKARTA	Nabiela Syahputri Purbosantoso Andini Felicia Rahma Alisha Azkadina Rachman Dafina Inaya Pradina	Secondary	Technology	Application of Internet of Things in Real-Time Water Quality Monitoring with Integration of Temperature, pH, and Total Dissolved Solids Sensors	GOLD

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212	Philippine Science High School Main Campus	Iris Lexi Q. Ababon Lanz Gabriel R. Aldaba Mateo Sebastian F. Campos	Secondary	Technology	Real-Time Prediction of Dengue Using an LSTM Network and Search Trend Data	GOLD
213	The Newton Sixth Form School King's College Bodindecha (Sing Singhaseni) 2 School Kwong Chow School	Phatpitcha Taemkhornburee Papakorn Eadkeaw Kamolpachara Ngamsom Surada Aksornjindarat	Secondary	Technology	A Study on the Reutilization of EGFR DNA Probes in Acoustic Biosensors for Lung Cancer Staging Diagnostics	GOLD
214	Stamford American International School Singapore	Hyungjoon Jin	Secondary	Technology	A Study on Roadkill Prevention Using Super-Resolution	GOLD
215	Sakolraj Wittayanukul School	Meka Deesongkram Kaisorn Sirirat Tinnaphat Auttalut Chantakan Suwantha Yanont Poonmeng Pakhwan Gorthong	Secondary	Technology	Development of Structure and Properties of Chitosan–ZnO Nanoparticle Polymer Microcapsules to Enhance Indigo Dyeing Efficiency at the Community Level	GOLD
216	SMA Pradita Dirgantara	Almer Makasa Wibawa Muhammad Faiz Ashshidiq	Secondary	Technology	Design and Implementation of an IoT-Enabled Rescue Drone System for Coastal Monitoring	SILVER
217	SMA TREN SAINS MUHAMMADIYAH SRAGEN	HAIDAR ALI DZAKWAN CAESAR HAFIZ JULIO LUKMINANDRA RAKA AFIFUDDIN ABRAR MAHOGRA TEJA MUTTHO HAR SAVERO ARDLIANA JHUANG SULTHAN HANAAN MUMTAZ AZZAWAHIRI	Secondary	Technology	Substitution of Polymer Membrans with Cigarette Butt Waste to Reduce Oil and Water Emulsions in Industrial Liquid Waste	SILVER
218	SMP Islam Al Azhar 13 Surabaya	Kenisha Nayla Muzakkir Maulidia Ghania Andian Janitha Kinanti Ariasansa Hadisty Kayana Chitra Prameswari	Secondary	Technology	BackBuddy	SILVER
219	SMAN 1 Denpasar	I Gede Narayana Parameswara Kadek Gauri Ambalika	Secondary	Technology	OneBin: Learn, Action, in one app	SILVER

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		Putri				
220	MAS Unggul Sabira	Renewin Celestian Nuruddin Zanky Aozora Dama Bimaseto Syauqi Ilman Nafie Nafis Al Hisyam Robbani Yusuf Abdurrachman Al Baliyya Arief	Secondary	Technology	SIGAP-11: Decentralized Smart Traffic Signal Using Arduino Uno R3 to Support SDG 11 Sustainable Cities and Communities	SILVER
221	SMA BOPKRI 1 Yogyakarta	Lutgardis Amadea Near Marriam Bernadeta Kenes Maheswari Dominique Clarissa Gabriella Christie Pasaribu Harioseno Damarsasongko Jessica Brenda Panjaitan	Secondary	Technology	Lock2Learn: An Android Studio-Based Self-Regulation Application to Mitigate the Negative Effects of Doom Scrolling	SILVER
222	SMAS AL HIKMAH SURABAYA	Rafi Athaya Hafidz Nararya Gama Muhammad Danuja Maulana Mulyawan Rafif Akmal Nararya Waldan Imawan Yahya Bagas Adi Pratama	Secondary	Technology	COMPASS (Cane with Optimized Mobility, Positioning, Audio, Speech System)	SILVER
223	SMA GOLDEN GATE SMA GOLDEN GATE SMA GOLDEN GATE SMA GOLDEN GATE SMA GOLDEN GATE SMA GOLDEN GATE	Reinhart Axel Tan Andrianne Kristanto Clarissa Laurensia Kayla Siddhi Fonso Malaika Medina Rana Victoria Tiffany Ho	Secondary	Technology	SmartEyeBin: Development of Computer Vision-Based Interactive Trash Bin	SILVER
224	SMA NEGERI 6 SEMARANG	Adinda Nada Syifa Almubarika Amira Nadhifa Balqis Antya Putri Callista Anindita Nataneila Ramadhani Gendis Almeira Zahrani	Secondary	Technology	AEROD: A Wearable-Based Early Warning System with Haptic Feedback for Potential Asthma Attacks Induced by Air Pollution	SILVER
225	SMP NEGERI 12 YOGYAKARTA	AINUN NUR HANIFAH JANAYU HASTA RASTITI MICHAEL MORISKA ANANTA SUJARWANTO RM. DHIRATARA CHATRA	Secondary	Technology	UTILIZATION OF SET-TOP BOX (STB) AS A SERVER FOR STUDENT PROJECT GALLERY APPLICATION	SILVER

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		MAHARDIKA CHERYL ALMEERA KIRANA CITRA ARMADI				
226	SMP Muhammadiyah Plus Gunungpring	Mirza Aiman Putra Hadiawan Ala Dhia Firstio Muhammad Gibran Singoprono Haedar Dwi Fathurachman Nazil El Ahmad Ghozali Dzaky Akbar Saputra	Secondary	Technology	Safety and Security System to Prevent Drowsiness in Car Drivers Using Periodic Pressure Method	SILVER
227	SMP Muhammadiyah Plus Gunungpring	Nikratama Hafizh Wirawan Muhammad Lingga Fathi Affan Megan Bara Muttaqin Muhammad Raki Ghazy Abgary Fathian Tanelvashta Fakhriadi Keanu Devanu Mulyono	Secondary	Technology	Smart Project Helmet with Body Temperature and Environmental Sensors for Worker Safety	SILVER
228	SMP Muhammadiyah Plus Gunungpring	Muhammad Wildan Tsabit Fadhil Ikhsanudin Hazzam Muhammad Haifan Maulana Hafiz Al Baroqi Ananta Wafy Choirunizar Arsyad Khiar Syarif	Secondary	Technology	Smart Alarm-Based School Safety System for Bullying Prevention	SILVER
229	SMP Negeri 19 Surabaya	Kiara Moudry Anugerah Ariko Azka Nugraha Fahri Shadiq Ahmad Mochammad Aldhyastha Suyatno Putra Zhafira Audrey Az-Zahra Attha Hafizh Zahrawain	Secondary	Technology	REMrest: IoT-Integrated Pillow for Early Nightmare Response	SILVER
230	Seoul International School	Jihu Koo	Secondary	Technology	Selective Feature Sampling for Privacy-Preserving and Communication-Efficient Federated Learning in Medical AI	SILVER
231	King's College	Marcus Hok Yin	Secondary	Technology	A Study on Redox Dye	SILVER

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		CHEUNG TAM Man Shun CHAN Pak Hang			Oxidation Rate: An Approach for Developing Freshness Indicator	
232	Shun Tak Fraternal Association Yung Yau College	TANG Fei Fan MAK Hei Yong CHAN Pak Kiu LEE Cheuk Ho	Secondary	Technology	Forensic Eye: Bridging Reagent Chemistry and AI for Drug Law Enforcement	SILVER
233	Shun Tak Fraternal Association Yung Yau College	DENG Weicong YUEN Kasim LAU Yiu Wai ZOU Yu Shen	Secondary	Technology	CivilityWave – The AI Acoustic Shield Against Verbal Aggression	SILVER
234	Cornerstone Collegiate Academy of Seoul	Chloe Angel Kim	Secondary	Technology	Attention-Enhanced and Speaker-Invariant Approach for Speaker Impersonation-Based Voice Deepfake Detection	SILVER
235	Asia Pacific International School Seoul	Dain Lee	Secondary	Technology	Preventing Forest Fire Reignition Using Thermal Object Detection: A Lightweight Approach Based on YOLOv8-Nano and MobileNetV3	SILVER
236	US International School	Jiyoonee Lee	Secondary	Technology	A Transformer-Based Multimodal On-Device AI System for Vulnerable Elderly Care in Aging Societies	SILVER
237	Philippine Science High School Main Campus	Angelo R. Mananghaya EdRonn James T. Panti Philler Auchinleck V. Siy	Secondary	Technology	PSE Stock Market Prediction Using a Hybrid finBERT-LSTM Model	SILVER
238	Sakolrajwittayanukul School	Arnakorn Jitnapakrn Sudawadee Srinukul Prad Uakingpet Meka Deesongkram	Secondary	Technology	Automatic Rubber Latex Quality Monitoring and Control System Using IoT Technology	SILVER
239	Prachinratsadornamroong	Paranee Mora Yanisa Kanpriang Thidarat Bunprawat Chaiwat Sansuk Lakkhika Lesing	Secondary	Technology	Oxygen generator	SILVER
240	NEWTON GRAMMAR SCHOOL HUS - HIGH SCHOOL FOR GIFTED STUDENTS PERKIOMEN SCHOOL HUS	NGUYEN HOANG GIA MINH CAT HUY NGUYEN DANG ANH KHOA TONG THI THANH HUONG	Secondary	Technology	AI-POWERED MOBILE APP FOR PERSONALIZED BASKETBALL TRAINING	SILVER

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241	YS TECH (ONLINE)	SATANA JEGATHESVARAN NANTHAKISHOR SARAVANAN ELILENE SHANE SHANMUGANATHA N KHAVINES SHARAAN A/L R. SASI KUMARAN	Secondary	Technology	IOT BASED TOXIC AIR POLLUTION DETECTOR AND ALERT (TAPDA)	SILVER
242	Novatrix(Mixed)	Tafsirul Islam Jisan Rizwanul Islam Anas Tasbir Alam Sifat Abdul Al Mahin Sakib Bhuiyan Hamim	Secondary	Technology	Robo Simulation App & AI Powered Military Defence System	SILVER
243	Young Sparks of Bangladesh(DRMC)	Ahnaf Bin Ashraf Nabil M Adiyat Yeamin MD Tahmid Bin Alam Ayat Md Muaz Bin Alam	Secondary	Technology	Eco Pulse - A mega Project for the World	SILVER
244	SMA TREN SAINS MUHAMMADIYAH SRAGEN	KAMAL PASYA ALI AKBAR FAQIHUDDIN MUHAMMAD ADKHILNA MUDKHOLA SHIDQIN AZKA RAHBI ALFAHMI BAGUS GUNTUR RESKY PRASTIO DAFFA FATHAN MUBINA	Secondary	Technology	SMATA: Smart Waist Bag for Monitoring Environmental Conditions for Asthma Sufferers Based on IoT as a Supporter of SDG 3 and Equitable Access to Health Service	BRONZE
245	SMP CINTA KASIH	Members : Felicia Giyana Anggita Angelyc Gracedya I. Pattipeilohy  Team Leader Felicia Giyana Anggita	Secondary	Technology	Educational Games on Binary Numbers	BRONZE
246	SMP Negeri 1 Surabaya	Audrey Almeera Rizky Putri	Secondary	Technology	SCIE DRONE	BRONZE
247	SMA THURSINA IIHS	Muhammad Rayyan Fahmi (LEADER) Achmad Mecca Cahya Sisworo Atha Rasyid Rizqi Muhammad Raihan Rasyadiya	Secondary	Technology	Q-MIND(Quick Machine- learning IoT for Neurodegeneration Detection) : An IoT Alzheimer Detection using Deep Learning for Brief and accesible Diagnostic	BRONZE

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		Syarif Annas Shofa Murahyono				
248	MA Unggul Sabira IIBS MA Unggul Sabira IIBS MA Unggul Sabira IIBS MA Unggul Sabira IIBS MA Unggul Sabira IIBS	MUHAMMAD RIZKY FARDIANSYAH FAUZANNURAHMAN ZACKI NAQIB ARRAIHAN FAIRA MUHAMMAD RAUSAN FIKR SAVERO PANJI FADHILLAH TAMRIN	Secondary	Technology	"SQI: Web-Based Innovation for Integrating Scientific Knowledge and the Qur'an"	BRONZE
249	SMP Labschool Cirendeuf	Daffa Wiryakenzie Pratama Buchara Matteo Simeon Tampubolon Bachaque Bachtaruddin Leandra Imani Noviabeela Christea Jovita Eloise Ferdinand	Secondary	Technology	Dynamic Engagement & Assistive Feedback (D.E.A.F.)	BRONZE
Mathematics						
250	Amasya Anadolu Lisesi	Hüseyin Eren KAYA Mustafa Kemal Gazelci	Secondary	Mathematics	Mathematics of Encryption	GOLD
251	Matthayomkohmark School	Kongphob Nuinium Pajaree Madsa Sunanta Kongdee Rattanawadee Ratcharit Wasin Thongnu Chaiwut Chuenarrom	Secondary	Mathematics	Finding the Sum of the Geometric Series of Reciprocals of Odd Powers of 3 Using Visual Representation	GOLD
252	MAN 1 JEMBRANA MAN 1 JEMBRANA MAN 1 JEMBRANA	Tania Eka Putri Maulani Anandha Fisabella Dafina Naura Salsabila	Secondary	Mathematics	FloodLogic System: Implementation of Mamdani Fuzzy Logic Based on MATLAB for River Flood Prediction System in Jembrana	GOLD
253	SMA KOLESE KANISIUS	Rafael Lewis Tirtaatmadja Jonathan Soetaputra Alvin Christopher Chow Denisson Setiawan Tanurahjra Benedict Halim Kevan Baswaraputra Yusgiantoro	Secondary	Mathematics	Machine Learning Powered Mosquito Population Control System for Sewage Networks	GOLD
254	SMPN 13 YOGYAKARTA SMPN 13 YOGYAKARTA SMPN 13 YOGYAKARTA SMPN 13 YOGYAKARTA	Ahmad Faizi Biyyaneska Alivia Firdausi Nadhira Sherin	Secondary	Mathematics	Experimental K-Nearest Neighbors (KNN) Model Using Euclidean Distance for Mapping Junior High School	SILVER

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	SMPN 13 YOGYAKARTA	Meidiana Alifka Rosiana Nugraha Genta Adyatma Jatmika			Academic Scores to Senior High School Selection	
255	SMA NEGERI 1 WARU SIDOARJO	Cinta Al Madina Riyono Putri	Secondary	Mathematics	Practical Application of SPSS in Learning Basic Statistics for Tenth Grade Students	SILVER
256	SMA NEGERI 2 KABUPATEN SORONG SMA NEGERI 2 KABUPATEN SORONG SMAS MUHAMMADIYAH AL-AMIN KOTA SORONG	Dina Ayu Novelia Angelica Putri haryanto Rachel Aurelia Angrianie Hikmatiar Firman A.R Bless Tirta Songgo Banne Tasik Shin Abe Pratidhina	Secondary	Mathematics	TEKEN-EDUMATICS: WEAVING THE FUTURE WITH STEM, PAPUA'S LOCAL WISDOM, AND ENVIRONMENTAL EDUCATION AS A MITIGATION OF CLIMATE CHANGE AND LOW MATHEMATICS ABILITY	SILVER
257	Canisius College	Jonathan Adinata Suhendra Levine Nyatasaputra Aliwarga Peter Euan Ridjab Marvin Ghifari Silitonga	Secondary	Mathematics	AgriScan: Website to Identify Plant Diseases	SILVER

### Physics, Energy and Engineering

258	SMA ISLAM SABILILLAH MALANG BOARDING SCHOOL SISTEM PESANTREN	Muhamad Nur Fadilah Galang Ekhtiari Elfarian Suprapto Maulana Fahri Al-Albani Andi Fazriel Batara Al Ghazy	Secondary	Physics, Energy and Engineering	Implementation of MARGA (Mobility Advancement for Resilient Growth and Accessibility) in Enhancing Mobility and Accessibility Towards Sustainable Transportation	GOLD
259	SMA ISLAM SABILILLAH MALANG BOARDING SCHOOL SISTEM PESANTREN	Faiq Rasyad Hazami Fabio Tsany Ravino Muhammad Fahri Nur Azzam Ma'arif Andhika Satrya Wibawa	Secondary	Physics, Energy and Engineering	THE TERRACE: Architectural Integration of Renewable Energy and Natural Light for Sustainable Commercial Buildings in Tropical Climates	GOLD
260	SMA Katolik St. Louis 1 Surabaya	Gabriel Bryan Roynaldi Steven Tandyo Eugenia Tiffany Singgih Gabriella Rosa Kurniawan Archangela Vania Kianli	Secondary	Physics, Energy and Engineering	FORM (Flexible Orthopedic Realignment Module) : AI-Powered Smart Postural Support	GOLD
261	SMA Islam Al Azhar 9 Yogyakarta	Bagus Genadi Sasongko Faeyza Azizan Dhafira	Secondary	Physics, Energy and Engineering	Air Pollution Reduction CO2 gas from brass and copper for	GOLD

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		Yahya Muhammad Dzaky Al Zuffar Muhammad Rafif Narendra Pratama Muhamad Teguh Wicaksono Nor Azqilla Queenara			motorcycle	
262	SMA ISLAM SABILILLAH MALANG BOARDING SCHOOL SISTEM PESANTREN	Anindya Izzatul Hasanah Hanum Ainur Althafunnisa Marsya Amorita Calista Nandrea Almira Putri Cahaya Lentera Hati	Secondary	Physics, Energy and Engineering	SUSTAINABILITY SIDOARJO	GOLD
263	MAN INSAN CENDEKIA OKI	Rafif Raihan Hafizh Aluna Quinsha Taufan Ahmad Daffa Athallah M. Zahran Shodiq Muhamad Andre Putra Fratama	Secondary	Physics, Energy and Engineering	ZERO : Design and Construction of a Piezoelectric-Based Zebra Crossing Prototype as a Generator of Electrical Energy from Pedestrian and Driver Pressure	GOLD
264	SMA CITA HATI EAST	Kenneth Matthew Susanto Kenneth Heinrichardo Jasin	Secondary	Physics, Energy and Engineering	Rural Water Guard: An Arduino-Based Multi- Parameter Water Quality Early Detection System Using the Tyndall Effect, pH, and TDS Sensors	GOLD
265	MAU AMANATUL UMMAH SURABAYA	Sausan fathina hanun Jihan ikrima asysyahira Rabbani keyla Fortuna Ikfina rahmatika Sheila iga Aisha Indi nayla al-amani	Secondary	Physics, Energy and Engineering	TropiCool: Local Eutectic PCM-Based Thermo- Regulator Paint Using Coconut Oil - Palm Stearin for Tropical Building Energy Efficiency	GOLD
266	SMP NEGERI 8 YOGYAKARTA	Gebyar Lintang Andadari Myishamaysun Labibmaimun Khayruagung	Secondary	Physics, Energy and Engineering	Plastik Waste Conversion into Alternative Fuel	GOLD
267	SMA Pradita Dirgantara	Daniswara Aryasuta Hariadi Alif Fachrizal Aji Pratama Amrul Chaq Asyarieff Khalif Mahatma Istiqbal Hisyam Ibrahim Hanif Ilmiawan	Secondary	Physics, Energy and Engineering	Aerodynamic Optimization of Airfoil Performance Through Comparative Analysis of Biomimetic Geometric Modifications	GOLD
268	Sekolah Ciputra	Namie Kira Djaja	Secondary	Physics, Energy	Prototype Development and	GOLD

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	Cita Hati Christian School	Kaylee Ann Siswanto		and Engineering	Performance Analysis of Piezoelectric Sound-to-Electricity Conversion in Indoor High-Noise Areas	
269	Sakolrajwittayanukul School	Krittawan Puechsing Meka Deesongkram Manlika Thongniwan Nattawit Samart Kunyanut Huchaiyaphum Pratipa Pukpang	Secondary	Physics, Energy and Engineering	Sustainable Supercapacitor Development from Coconut Biomass for Smart IoT Sensors	GOLD
270	Qingdao No.58 Middle School, Shandong Province, China	Li Haoxuan	Secondary	Physics, Energy and Engineering	“Intelligence” Protects Safety: Intelligent Safety Helmet with Fusion and Innovation	GOLD
271	Iranian Youth Science and Technology Center (IYSTC)	SAM RASHIDI RADIN ABBASI KENARSARI	Secondary	Physics, Energy and Engineering	Design and Implementation of Smart NannyBot: A Humanoid IoT-Based Robot for Remote Child Activity	GOLD
272	Iranian Youth Science and Technology Center (IYSTC)	MATIN HAYATI	Secondary	Physics, Energy and Engineering	Automated Analysis and Visualization of EEG Signals for Seizure Prediction Using Frequency Band Decomposition	GOLD
273	Los Altos High School Cupertino High School	Dongho Lee Jongyoon Yang	Secondary	Physics, Energy and Engineering	Smart Cane with Adjustable Length for the Elderly	GOLD
274	Foreign Language Specialised School, Hanoi Viet Nam	Nguyen Le Minh Vo Nhat Linh	Secondary	Physics, Energy and Engineering	D3W- Driver Drowsiness Detection and Warning Device - Effective Measures to Prevent Accidents on Highways	SILVER
275	Team Chadpur	Mahadi Rahman Khandaker Nazmus Sakib Aritro Roy Angkon Roy Walida Tabassum	Secondary	Physics, Energy and Engineering	Bangla Smart Wheelchair	SILVER
276	Sea Green TerraNisa(Viqarunnisa)	Afiya Asraf Ahona Aliya Islam Rodela	Secondary	Physics, Energy and Engineering	ECOCOOL: Hybrid PCM-CO <sub>2</sub> Refrigerant Cooling System for Sustainable thermal Management.	SILVER
277	SMP Nasima	Yola Anezka Zahra Adrishta Almaira. N. Latisha Kalonika Rayhana Almira Ardhiani Aaira Niendy Wicahyono	Secondary	Physics, Energy and Engineering	AeroSolar X: Hybrid Energy Recovery System from Outdoor AC Exhaust Wind and Solar Panel	SILVER

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278	SMA Stella Maris BSD	Daniel Christo Adi Wicaksono Kendrick Abie Liandry Reynard Keyfas Nathanael Sitohang Kendra Arie Liandry Samuel Egbert Adiguna Santoso Alvent Maxmillian Sutanto	Secondary	Physics, Energy and Engineering	Sustainable Activated Carbon from Arabica Coffee and Salak Seeds: Comparative Analysis of Single and Blended Electrodes for Green Supercapacitor Applications	SILVER
279	SMA TREN SAINS MUHAMMADIYAH SRAGEN	MUHAMMAD NAUFAL FADHOIL IMDAD AR ROZZAQ GIANDRA ADIBRATA DHIRACITTA MUHAMMAD AZZA HIDAYAT KANA FUAD MU'AFIA DIMAS ADRIAN WICAKSONO	Secondary	Physics, Energy and Engineering	Innovation of Organic Solar Panels Based on Salak Peel Waste as Environmentally Friendly and Sustainable Technology to Support SDG's Point's 7 and 13	SILVER
280	SMA TREN SAINS MUHAMMADIYAH SRAGEN	MARIZA AINUN JARIYAH PUTRI KARINA NUR'AINI RASYIDA HANIF AQDAMANURI TAZKIA ZULFA MANGGARSARI NAILA MUFIDA NURUSSHOFIA AULIYA HERAWANTI SASIKIRANA	Secondary	Physics, Energy and Engineering	BILIMBI: Innovation of Bio-Batteries Based on Extract of Bilimbi and Rosella as Environmentally Friendly Energy Sources	SILVER
281	SMA ACS Jakarta	Kayla Aida Daniswara Amelia Muliawati Dinara Adifa Ridwan	Secondary	Physics, Energy and Engineering	Densification of Post-Consumer Textile Waste Into Sustainable Fuel Briquettes	SILVER
282	MAN INSAN CENDEKIA OKI	Auni Zahratu Syifa Naziha Alqiara Muhammad Fakhri Muhammad Ghaziyah Faizan	Secondary	Physics, Energy and Engineering	Design of Composite Adaptive Springs as Anti-Seismic Infrastructure for Multi-Story Buildings	SILVER
283	SMP LABSCHOOL JAKARTA	Kireyna Putri Aileen Zafira Awani Annisa Syafina Vania Yanuar	Secondary	Physics, Energy and Engineering	The Wind Tree Turbine as a Catalyst for the Transition of Energy	SILVER
284	SMP NEGERI 3 SEMARANG	Aditiya Santoso Aqila Adisa Kurniawan	Secondary	Physics, Energy and Engineering	The effect of noise on student concentration as seen from	SILVER

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		Arva Kinar Putri			the position of classrooms relative to the highway at SMP Negeri 3 Semarang	
285	SMP BAMBINI	Naomi Odelia Wiwono Kendrich Jonathan Chandra Mathew Dewadrian Ruruk Samita Gotami Thomas Wayne Andres Wijaksono	Secondary	Physics, Energy and Engineering	The Potential Usage of Plant Microbial Fuel Cell (PMFC) in Hydroponic Plants to Produce Electric Current	SILVER
286	KOLESE KANISIUS	Kresna Nicolas Sutrisno Matthew Sulistio Eden James Paterson Owen Benedict Tanjung Brayden Nicholas Kwenandar Gionaldi Hafendy	Secondary	Physics, Energy and Engineering	Prototype of Phase Change Material Enhanced Pavement for Water Heating and Thermal Storage to Minimalize Water Heater Usage	SILVER
287	SMA NEGERI 1 SEMARANG	Adaini Atisiana Cahayani Aretha Azka Diyanti Ranma Kayana Mulyawan Shaina Danella	Secondary	Physics, Energy and Engineering	Analysis of the Effectiveness of Corona Discharge Plasma Radiation on Soybean (Glycine max L.) Growth	SILVER
288	SMP Nasima SMP Nasima SMP Nasima SMP N 2 Semarang	Najla Janitra Audry Nailihana Mafaza Arifani Alya Dowita Ramadhania Anindya Renata Nurmadiha Triwardoyo	Secondary	Physics, Energy and Engineering	Integration of Technology and Character: Solar-powered Automatic Ablution Tap with Children's Prayer Affirmations	BRONZE
Social Science						
289	Po Leung Kuk Ngan Po Ling College	HO Tsz Shing CHING Ho Long LUO Miu FANG Sen	Secondary	Social Science	IntelliLight	GOLD
290	High School for Gifted Students, HNUC	Dao Gia Khiem Nguyen Nam Phuong He Nan Jie Cheng Do Minh Chau	Secondary	Social Science	From Bond to Bin: A Green Bond Model to promote smart recycling in Vietnamese High Schools	GOLD
291	Cityhill Academy	Maria Kim Yean Lee Zoe Kim Haim Lim Joan Lee	Secondary	Social Science	Exploring Adolescent Perspectives on Generative AI: Insights into Perception, Usage Patterns, and Emotional Connections	GOLD MIICA SA

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292	SMA IBNU HAJAR BOARDING SCHOOL	Shafa Nabil Fashih Rhasya Octavian Fahlevi Syahril Ridho Langit Prakoso Gibrando Shaquille Almaududie	Secondary	Social Science	S-ADAPT (Student Academic Distress Among Teenagers)	GOLD
293	MAN 2 PADANGSIDIMPUAN	Ali Asman Tanjung Adzkia Lisya Putri Hasri Fianti Harumi Harahap Mai Munah Harahap Ariani Fadhilah Siregar Putri Rizky Saidayani	Secondary	Social Science	Impact of Heritage on Culture, Environment, and Society in Padang Lawas: Historical and Contemporary Perspectives (Case study: Bagas Godang Hasibuan)	GOLD
294	SMA CITA HATI SCHOOL EAST (Surabaya)	Gwyneth Wijaya Gillian Jolin Hartanto Zanetta Odelia Ie Utomo Rafael Christian Hartono	Secondary	Social Science	Cashless Culture: How Digital Payments Reshape Social Norms, Community Bonds, and Personal Empowerment	GOLD
295	SMA Kristen Petra 2	Riviero Devieabdi Haposan Siahaan Jonathan Fideltiano Susanto Salinding Marsha Herlinda Prayogo Nicholas Matthew Bryan Jonathan Bryan Veggie Mulio	Secondary	Social Science	A Value-Free Sociological Analysis of the Dynamics and Challenges in Indonesia-Israel Diplomatic Relations and Its Implications for National Interest	GOLD
296	MAN INSAN CENDEKIA BENGKULU TENGAH	Fahry Wiranata Sadlir Kemal Shidqi Anandevhan Sultan Salahuddin Al-Ayubi Annisa Khairani Askia Farwizah Adrina Althafunnisa	Secondary	Social Science	The Immersiveness of Sarafal Anam Culture: Development of BUBAR (AR-Based Embossed Book) Media for Interactive Introduction to the Pekal Tribe	GOLD
297	SMAN 2 KUTA SELATAN	Almirah Rexana Ramadinata - Kadek Kirana Cahyani Putri - Raden Dinar Raditya Emerald Utama - Maidal Tresia Patabang - Thalita Shiva Danella Karmono	Secondary	Social Science	Cursed No More: The Rise of Bengkala's Kolok Community	GOLD

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298	SMP NEGERI 12 YOGYAKARTA	JNICE CIPTAMURTI SARI PALUPI DANISH MOREEN NUGROHO ANINDITA SEKAR AYU LARASATI MUGIARTO MUHAMMAD RAY CHOIRUN ASHWANTA MAHARANI KAYLA PUTRI CANDARA HAYDAR DAFI ULHAQ	Secondary	Social Science	AYO (ADVENTURE HISTORY OF KOTAGEDE): DEVELOPING THE LUMI VIRTUAL TOUR TO PRESERVE ISLAMIC MATARAM HISTORICAL SITES IN KOTAGEDE, YOGYAKARTA	GOLD
299	MAN 2 PADANGSIDIMPUAN	Sofie Syarif Siregar Hasan Abdullah Azzam Rambe Rizki Yurandi Susan Astidiningtias Nahdiyani Rizqiyah Pulungan Risyah Yati Harahap	Secondary	Social Science	The utilization of Car Free Day at Alaman Bolak for increasing the income of UMKM in Padangsidimpuan City	SILVER
300	SMP NEGERI 13 YOGYAKARTA SMP NEGERI 13 YOGYAKARTA SMP NEGERI 13 YOGYAKARTA SMP NEGERI 13 YOGYAKARTA SMP NEGERI 13 YOGYAKARTA	Rachel Hasian Tampubolon Monika Vivian Elitha Rahmah Syifa Nada Nugraheni Kynthia Aurora Raissa Elysia Andarini	Secondary	Social Science	Faith and the Mind: Religious Psychological Perspectives on Spirituality, Mental Health, and Suicidal Behavior	SILVER
301	SMA BOPKRI 1 YOGYAKARTA SMA BOPKRI 1 YOGYAKARTA SMA BOPKRI 1 YOGYAKARTA SMA BOPKRI 1 YOGYAKARTA SMA BOPKRI 1 YOGYAKARTA SMA BOPKRI 1 YOGYAKARTA	Grace Victoria Lorentine Mentari Fitri Lorian Jayden Axello Tan Kiana Cathrysha Marjorie Dewi Felicia Florina Laras Setiawan Genevieve Ester Pelangi	Secondary	Social Science	Dreamweaver-Based Job Recruitment Website Development with Integrated Anti-Scam Security Features	SILVER
302	SMA Negeri 8 Jakarta	Ajeng Salma Layla Amira	Secondary	Social Science	IMPLEMENTING IOT IN BUSINESS PROCESSES TO PRESERVE THE INTANGIBLE CULTURAL HERITAGE OF SALTED EGGS (IOTEgg)	SILVER

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303	SMA NEGERI 1 BUKATEJA	Tamara Rizkyanu Arta	Secondary	Social Science	Perpustakaan Hantu (Ghost Library): An Augmented-Reality, Place-Based Intervention to Revive Folk Memory, Playful Literacy, and Community-Made Storytelling	SILVER
304	SMAS GOLDEN GATE	Beinhard Ricardo Marzuki Eimery Devina Patondok Hillary Gwyneth Inkawidjaja Putri Asra Hana Maharani Veisha Ailene Djauhary Victoria Tiffany Ho	Secondary	Social Science	A Case Study: Evaluating Public Trust in the Effectiveness of Feminine Hygiene Liquid Soap in Makassar City	SILVER
305	SMAS GOLDEN GATE	Cheryl Annabelle Andi Adlyna We Ati Mega Felicia Ayleen Soelimin Grace Natalie Putri Tiyow Kaylin Kanaka Gotama Kiyoko Celine Bustam	Secondary	Social Science	Click, Thrift, Sustain: The Role of Baruga Thrifting Website (BTW) in Reshaping Generation Z's Consumption Behavior and Textile Waste Utilization in Makassar	SILVER
306	MAN 2 PADANGSIDIMPUAN	Dzikra Istiqomah Harahap Iqbal Alfarizy Harahap Mai Munah Harahap Muthia Zahra Harahap Safri Anugrah Lubis Sania Wardhani Siregar	Secondary	Social Science	The Shift of Linguistic Expressions from Futsal Slang to Indonesian Netizens (A Sociolinguistic Study)	SILVER
307	SMA NEGERI 2 PROBOLINGGO SMA NEGERI 2 PROBOLINGGO SMA NEGERI 2 PROBOLINGGO SMA NEGERI 2 PROBOLINGGO SMA NEGERI 2 PROBOLINGGO SMA NEGERI 2 PROBOLINGGO	Aliya Syauqina Hadi Elsa Sabrina Ramadani Nabila Aisyah Khansa Raissa Wahib Aliya Lukita Safirah Semara Kanaya Andari	Secondary	Social Science	Implementation of SCI-WEB (Smart and Creative Website) as a Certification-Based Creativity Platform for High School Graduation Requirements	SILVER
308	SMAS AL BINAA SMAS AL BINAA SMAS AL BINAA SMAS AL BINAA SMAS AL BINAA	Nayyara Azarine Salsabila Fathma Naifah Sholehah Amira Nadira Desembrina Annisa Naura Azalia	Secondary	Social Science	Digital Distractions: The Impact of Social Media Usage Frequency on High School Students' Learning Productivity	SILVER

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		Khaizura Alzanira Putri Mokoagow				
309	SMP NEGERI 12 YOGYAKARTA	BENEDICTA KAYLA TANAYA PRAKIRTYA SARASATI SEKARKINASIH ARDAELA PUTRI SUFA JANEETA SALVA SYAFIRA DIFRAVINA NADIE PUTRI AZKA KUMARA BANYUBIRU	Secondary	Social Science	DEVELOPMENT OF BISA (BURU ISLAND SMART ACCESS) WEBSITE AS A PLATFORM FOR PROMOTING TOURISM, EDUCATION, CULINARY, AND CULTURAL HERITAGE OF BURU ISLAND, MALUKU	SILVER
310	SMP Thursina IIBS	Marvella Destiane Anindyaji Nailal Husna Sekar Biru Ghania Le Fatehah Iskandar Alisha Shira Griselda Nafisa Belqis Rahmania Syahputra	Secondary	Social Science	Calmind: Aromatherapy Shower Bomb Innovation to Reduce Mild Anxiety in Adolescen	SILVER
311	MAN 2 PADANGSIDIMPUAN	Nazla Aqilla Sofyan Nurul Fadillah Siregar Rona Hasbiah Ritonga Salsabila Fitri Selsi Yusputa Siregar Sindy Naulia Ramadani	Secondary	Social Science	CULTULAR ECOLOGY: A CRITICAL STUDY OF THE CULTURE OF THE BATAK ANGKOLA COMMUNITY IN MAINTAINING TRADITIONS “MARPEGE- PEGE”	SILVER
312	SMA NEGERI 3 YOGYAKARTA	Angelita Rehulina br Sitepu Awra Rima Mustakim Nisrina Syafia Mufidah Primandiri Naufal Akbar Wilbert Reyhan Susabda	Secondary	Social Science	PADZVOICE (Padmanaba Victims Online Interactive Care and Education) : A Counseling Website for Victims of Bullying and Harassment at SMA Negeri 3 Yogyakarta	SILVER
313	SPK SMA Xin Zhong	Maxwell Ezequiel Jorge Darren Ongkowijoyo Reynard Aurelius Sugiarto Nicholas Ryan Setiawan	Secondary	Social Science	The Effects of Chronotype- Based Study Proclivity on Academic Confidence in Correlation to Academic Performance and Predisposition to Mental Health Issues	SILVER
314	SMA UNGGULAN BPPT AL FATTAH LAMONGAN	Labiburrozan Ibnu Rizani Dafa Abiyyu Tri Ardiansyah M. Abdi Rizal	Secondary	Social Science	Resilience Strategy in Facing Currency Crisis Through Design Thinking Approach Towards Sustainable Society	SILVER

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### INTERNATIONAL SCIENCE AND INVENTION FAIR 2025

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		M. Raihan Al Fayadi Azka Cakra Sazni				
315	SMP MUHAMMADIYAH 3 YOGYAKARTA	Radhiya Wijaya Gelbert Abdiel W.P	Secondary	Social Science	The Impact of Digital Parenting: Parents vs. Gadgets in Raising Children	BRONZE
316	SMA Kristen Saumlaki, YPPK Dr. J.B. Sitanala, Maluku	Nadila Bilha Lusi Ranhkoratat Ferdinan Masihin	Secondary	Environment	Moringa (Moringa oleifera) Leaf Processing as Stunting Prevention Candy	BRONZE