

Category 3. Life Sciences, Environmental Sciences and Chemistry								
DAY 1. JULY 7								
Participant №	Project №	Project Name	Authors	School	Country	Form of participation	Time Limit 10 min	
							start	end
1	III-01	Study of changes in the ecological state and implementation of cleaning of Lake Tumusukan in the village of Suntar	David Zorin	Suntar Polytechnic Boarding School	Russia	Offline	14:00	14:10
2	III-02	Demineralization of highly concentrated waters by natural freezing	Aelina Kolesova	Specialized Educational and Scientific Centre of the M.K. Ammosov North-Eastern Federal	Russia	Offline	14:10	14:20
3	III-03	Study of iron ion content in different apple varieties	Aina Evseeva	Dalyr Secondary School	Russia	Offline	14:20	14:30
4	III-04	Study of the process of reaclimatization of forest bison in different regions of the Republic of Sakha Yakutia	Diana Gerasimova	Suntar Polytechnic Boarding School	Russia	Offline	14:30	14:40
5	III-05	The development of lipstick based on rosehip flower hydrolate and beeswax	Diana Solovyova	Yakutsk Secondary School No. 31	Russia	Offline	14:40	14:50
6	III-06	Morphological characteristics of fossil horses	Dayaana Indeeva	Specialized Educational and Scientific Centre of the M.K. Ammosov North-Eastern Federal University	Russia	Offline	14:50	15:00
7	III-07	Late Pleistocene wolf (Canis lupus Linnaeus, 1758) of North-Eastern Yakutia	Alexey Dmitriev Artem Sleptsov	Specialized Educational and Scientific Centre of the M.K. Ammosov North-Eastern Federal University	Russia	Offline	15:00	15:10
8	III-08	Study of the chemical composition of milk by qualitative methods	Irina Nikiforova	A.N. Chusovsky Nyurba Technical Lyceum	Russia	Offline	15:10	15:20
9	III-09	Craniological features of the fossil wolverine (Gulo gulo linnaeus, 1758)	Polina Filippova	Specialized Educational and Scientific Centre of the M.K. Ammosov North-Eastern Federal University	Russia	Offline	15:20	15:30
10	III-10	The influence of the gender and lineage of laboratory rats on the indicators of their tentative research reaction and anxiety level.	Kira Korepina	Specialized Educational and Scientific Center (Faculty) named after A.N. Kolmogorov of the Moscow State University named after M.V. Lomonosov	Russia	Online	15:30	15:40
12	III-11	Basic copper carbonates. Synthesis of malachite and azurite	Maria Dashunina	Regional Technical Lyceum named after V. I. Dolgikh	Russia	Online	15:40	15:50
11	III-12	Adaptation of a fluorescence in situ hybridization (FISH) method that preserves three-dimensional nuclear organization for HeLa cell culture	Anna Malinovskaya	Specialized Educational and Scientific Center (Faculty) named after A.N. Kolmogorov of the Moscow State University named after M.V. Lomonosov	Russia	Online	15:50	16:00
13	III-13	Setup for automation of titration using the Arduino platform	Amalia Tsiybryaeva	Gazprom School of St. Petersburg	Russia	Online	16:00	16:10
14	III-14	Effect of chronic atorvastatin administration on parameters of electrical activity of the mouse heart	Ekaterina Yagolovich	Specialized Educational and Scientific Center (Faculty) named after A.N. Kolmogorov of the Moscow State University named after M.V. Lomonosov	Russia	Online	16:10	16:20
15	III-15	Insoluble Crystals in School Laboratory. Micro and Macro Level	Marianna Artamonova Ksenia Diner	Regional Technical Lyceum named after V. I. Dolgikh	Russia	Online	16:20	16:30
16	III-16	Carbon capture and utilisation: a pathway to combat climate change	Miruna Ionascu	"Vasile Alecsandri" National College	Romania	Online	16:30	16:40
17	III-17	ALLELOPATHIC ORGANIC CONTROL FOR BROOMRAPE	Hatice YILDIRIM Sümeyye TÜRKARSLAN Mehlika Zeynep BİLGİN	IZMİR İİSEEF	Turkey	Online	16:40	16:50
Coffee break (15 min)								
18	III-18	Development and Characterization of Biodegradable PLA-Based PCB Coating	Christopher Danson Xia Lysandra Satrina	SMA Katolik Santu Petrus (IYSA)	Indonesia	Online	17:05	17:15
19	III-19	KaliX- A Botanical Breakthrough in Termite Eradication	Alisha Khan Moovika Sahu	Delhi Public School Raipur	India	Online	17:15	17:25
20	III-20	The Utilization of Orange Peel and Lemongrass as An Organic Room Freshener	Jonathan Marck Kalvin Lumi Nathanael Davin Wijana Gabriel Bryan Valentino Marung Gilbert Hanrui Sumardi Kenzo Matthew Tjuaca Dashiell Arifin	SMA Regina Pacis Bogor (IYSA)	Indonesia	Online	17:25	17:35
21	III-21	SAVEST: Utilization of Rice Husk as Filling Material for Protective Jacket to Reduce the Impact of Earthquake Debris	Shovia Aqiela Adzkia Fathiyya Mumtaz Askana Huwaida Ratifa Azahraa Kharissa Rizaal Roro Dyah Ayu Nayla Putri Padma Negara	Madrasah Aliyah Negeri 4 Jakarta (IYSA)	Indonesia	Online	17:35	17:45

22	III-22	Drone Scattering Agricultural Seeds	Ahmed Saif	Fujairah Science Club	United Arab Emirates	Online	17:45	17:55
23	III-23	Exploring the Molecular Mechanism of Sauropus androgynus as Neoadjuvant Therapy to Inhibit BIRC5 and EGFR Genes Overexpressed in Triple-Negative Breast Cancer through Comprehensive Bioinformatics Analysis	Haya Nafisa Mumtaza	SMA Negeri 5 Surabaya (IYSA)	Indonesia	Online	17:55	18:05
24	III-24	Ecocaps	Rudra kashyap Shekh kamran Vedanshi Singh	Delhi Public School Raipur	India	Online	18:05	18:15
25	III-25	Reform3D: Utilizing Indigenous Plant Fibers for Biodegradable Filament Production in Low-Tech Digital Fabrication.	Salwa Putri Nabilah	SMA Negeri 5 Palangka Raya (IYSA)	Indonesia	Online	18:15	18:25
26	III-26	LARVIS APP (LARVA INTELLIGENT SYSTEM), A MACHINE LEARNING TOOL FOR WATER LARVAE DETECTION AIMED AT LOWERING DENGUE FEVER INCIDENCE IN INDONESIA	Muhammad Anies Sya'roni Ahmad Nizar Muhammad Fahri Yiputra Muhammad Rehan Syarif Daniel Muhammad Kenzie Alvaro Faris Arvin Fawwaz Ganding Kertarajasa	MAS UNGGULAN AMANATUL UMMAH SURABAYA (IYSA)	Indonesia	Online	18:25	18:35
27	III-27	Beans, Bugs, and Balance: A Synbiotic Drink to Fight Deficiency Anemia	Aida Kamaliya Rahman	Masa Depan School (CYS)	Indonesia	Online	18:35	18:45
28	III-28	Recycling as a Way to Improve our School Environment	Sadeel Obeidallah Mariam Bataha Rimas Samara Farah Butmah	Battir Girls Secondary School	Palestine	Online	18:45	18:55
29	III-29	Biop'la'istic: Innovation in Bioplastics Based on Local Wisdom	Angeline Michelle Wong Karen Wong Whitney Von Kwan	Harapan Bangsa Christian School (CYS)	Indonesia	Online	18:55	19:05
30	III-30	Design and In-silico Study of Avian Influenza Virus Vaccine Candidates	Evelline Huang	Karunia Global Private School (CYS)	Indonesia	Online	19:05	19:15
31	III-31	Ice Cream and Indian Sweets Self Life Increaser	P Sanchita	Kendriya Vidyalaya Sangathan	India	Online	19:15	19:25
32	III-32	Designing a Liquid to Destroy Foreign Bodies (fish bones) Causes of Appendicitis	Edric Ferdinand Ardianto	Piwulang Becik (CYS)	Indonesia	Online	19:25	19:35
33	III-33	Effectiveness of Used Cooking Oil-Based Batik Wax in Preventing Color Absorption in the Batik Making Process	Nicholas Kenneth Eddyson Grant Morici Phangara Olivia Laetitia Irawan Alexandrea Eugenia Anthonius	Santa Laurensia School (CYS)	Indonesia	Online	19:35	19:45
34	III-34	Implementation of the In Silico Method in Studying the Potential of Bioactive Compounds of Rambutan (Nephelium lappaceum L.) Epicarp as an Inhibitor in the Treatment of Alzheimer's Disease	Nadia Christy Li	Jakarta Penabur 8 Christian School (CYS)	Indonesia	Online	19:45	19:55
35	III-35	Photochemical analysis of spider lili with perfect weededal properties	Shagun Agrawal Krisha Agrawal	Delhi Public School Raipur	India	Online	19:55	20:05
36	III-36	Kombucha-based jelly candy as alternative antioxidant candies	Yasmin Aisha Faiha Athifa Farihan Nafiah	Teuku Nyak Arif Fatih Bilingual School (CYS)	Indonesia	Online	20:05	20:15
37	III-37	Self-Healing Concrete: A Literature Study on the Utilization of Biomaterials in Self-Healing Concrete and Its Potential in Sustainable Construction	Kannaya Alexandra Sutrisno	Mutiara Persada School (CYS)	Indonesia	Online	20:15	20:25
38	III-38	Development of a Local Climate Control System Using Nanotechnology and Magnetic Fields	Helmy Abdo Kenan Abu Hajar Mohamed Alhaj Yousif	Palestinian Ministry of Education   West Gaza Directorate   Arafat Gifted Secondary School for Boys	Palestine	Online	20:25	20:35
39	III-39	Utilization of Cocopeat and Red Algae in the Production of Biodegradable Bioplastics	Garry Justine Shalena Samaoen Sherissa Gelya	Citra Kasih School (CYS)	Indonesia	Online	20:35	20:45
40	III-40	A Novel Study of Prunus Domestica by Using Eco-Friendly Bricks	Swastik Verma	Delhi Public School Raipur	India	Online	20:45	20:55
41	III-41	Utilization of Soybean Pulp as Fertilizer for Peat Soil	Ni Luh Devigitha Widhyadnyani Avani Aprilia Bassa Oktaviandi Santoso	Palangkaraya 1 High School (CYS)	Indonesia	Online	20:55	21:05
42	III-42	Impacts of Climate Change and Rainfall Pattern Variations in Lahat City	Hafizah Azahra	Lahat Saint Joseph Junior High School (CYS)	Indonesia	Online	21:05	21:15

43	III-43	CYMORINA: Antibacterial Facial Serum made from a Combination of Moringa Leaves (Moringa oleifera) and Lemongrass (Cymbopogon citratus) as a Preventive and Curative Solution for Acne Infections	I Komang Satya Wijaya Putra I Wayan Nimai Pandita Dasa	Denpasar 3 Senior High School (CYS)	Indonesia	Online	21:15	21:25
44	III-44	Enhancing Neural Precision: Advanced Chip Development For The ROSA Robotic Arm In Glioma Resection	Sewar Abu-Zant Relam Hudairi	Aladawiah Secondary Girls School/ Directorate of Education-Tulkarm	Palestine	Online	21:25	21:35
45	III-45	Calcium Based Batteries Using Processed Industrial and Agricultural Residues	Haardik Verma	Delhi Public School Raipur	India	Online	21:35	21:45
46	III-46	Study of molecular pathways involved in bipolar disease	Parham Arabzadeh	Iranian Youth Science and Technology Center (IYSTC)	Iran	Online	21:45	21:55
47	III-47	A Novel heterogeneous system catalyzed biginelli reaction one-pot synthesis of dihydropyrimidinones/thiones using SiO <sub>2</sub> -KAl(SO <sub>4</sub> ) <sub>2</sub> ·12H <sub>2</sub> O under solvent-free conditions	Mohammad Hossein Rahmani Taha Kanaani	Iranian Youth Science and Technology Center (IYSTC)	Iran	Online	21:55	22:05

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Participant №	Project №	Project Name	Authors	School	Country	Form of participation	Time Limit 10 min	
							start	end
1	III-01	Ecological niche of the reindeer	Nikolay Terekhov	Yakutsk Secondary School No. 23	Russia	Online	15:00	15:10
2	III-02	Development of Medical Materials Based on Biodegradable Polymers	Stanislav Skorokhodkin	V.P. Larionov Physics and Engineering Lyceum	Russia	Online	15:10	15:20
				Sakha Polytechnic Lyceum	Russia	Online		
			Naina Starostina	Yakutsk Secondary School No. 31	Russia	Online		
3	III-03	Morphological characteristics of fossil horses	Sayaana Indeeva	Specialized Educational and Scientific Centre of the M.K. Ammosov North-Eastern Federal University	Russia	Online	15:20	15:30
4	III-04	Development of Polymer Composite Materials for Osteosynthesis obtained by 3D printing	Luybov Tarasova	Yakutsk Secondary School No. 31	Russia	Online	15:30	15:40
			Ulyana Aykhaeva	V.P. Larionov Physics and Engineering Lyceum	Russia	Online		
5	III-05	Investigation and optimisation of Browns gas generation process in an alkaline electrolyser using solar energy	Albert Konstantinov		Russia	Online	15:40	15:50
6	III-06	A unique discovery of a bison calf (Bison priscus) in Yakutia	Diana Arzhakova	Specialized Educational and Scientific Centre of the M.K. Ammosov North-Eastern Federal University	Russia	Online	15:50	16:00
7	III-07	Effect of thyme hydrolysate toothpaste on biochemical parameters of saliva	Aitalyina Cherdonova	Specialized Educational and Scientific Centre of the M.K. Ammosov North-Eastern Federal University	Russia	Online	16:00	16:10
8	III-08	Dependence of drinking water quality storage conditions	Alika Slepsova , Arsen Bryzgalov	Namtsy Secondary School No. 2	Russia	Online	16:10	16:20
9	III-09	Craniological features of the fossil wolverine (Gulo gulo linnaeus, 1758)	Victoria Fedorova	Specialized Educational and Scientific Centre of the M.K. Ammosov North-Eastern Federal University	Russia	Online	16:20	16:30
10	III-10	Infestation with house fungus in Namtsy village housing stock	Aman Gogolev, Sulustan Isakov	Namtsy Secondary School No. 2	Russia	Online	16:30	16:40