

**9th Elementz Science Project Competition and Exhibition 2009
Final Results**

Group A (P3/P4)					
	School	Title of Project	Names of Pupils	Teacher Mentor	Result
A1	Anderson Primary School	Bubbles Galore!?	Andy Nathaniel Sung Chew Natasha Victoria Soh Wen Shuen Oh Han Qin Teo Jun Hao	Mr Ramesh s/o Sivakadacham Mr Lau Quck Woon	Cert Of Commendation
A2	Canberra Primary School	Wonder Paper!	Daryl Leong Liang Yi Shane Sim Rui Bin Yan Long Koh Chieng Yew, Aloysius	Cheok Liying Lim Kok Kiong Miss Siti Maisarah	Cert Of Commendation
A3	Chongfu Primary School	Investigation on which types of fermented solutions make better plant food when grown the hydroponic way	Chai Jiaqi Lim Pei Xian, Felice Poh Sue-Ann Rifqi Syahmi B Asrin Zeng Linlan	Tan Yu Ling Caroline	Cert Of Commendation
A4	Compassvale Primary School	Electrifying	Ong Ler Min Boh Wen Qi Cheah Song Yew Chi Wen Xing Sajeev Suppiah	Mr Poon Kar Tung	Silver
A5	Greenwood Primary School	Support Us!	Sarah Ann Hogan Nur Ellina Lim Aya Zafirah Bte Murat	Lee Choong Yong Mervyn Wong Li Peng	Cert Of Commendation
A6	Huamin Primary School	Fungi and Mould Attack – How to prevent them?	Bryan Ong Li Ming Ng Shen Kai Ng Shen Jie Tan Jing Yang	Miss Siti Kamariah Binte Ismail	Bronze

Group A (P3/P4)					
	School	Title of Project	Names of Pupils	Teacher Mentor	Result
A7	Huamin Primary School	Shiny again – all natural and no chemicals	Janelle Kwek Yee Kun Bonnie Lai Si Yun Agnes Loh Pin Zhen	Miss Siti Kamariah Binte Ismail	Cert Of Commendation
A8	Huamin Primary School	Corrosive carbonated drinks	Nur Ratna Sari Bte Latiff Muhd Hariz Bin Emran Chin Wen-Ling Dawn Lee Jue Rui	Miss Nazrah Mohamad Latiff	Cert Of Commendation
A9	Mee Toh School	Brown Apples?	Tay Herwen Lee Jin Rou Grace Chung Yi Xuan Joleen Lee Wen Qi Toh Si Yin Jerene	Miss Tan Ee Lin	Cert Of Commendation
A10	Northland Primary School	Drinking My Tooth Away!?	Richard Xiong Jun Wei Muhammad Izzan Bin Abdul Rani Lim Wan Ni S.Anusri Magima	Ms Asmawati Mrs Emiline Mui	Cert Of Commendation
A11	North View Primary School	Solar Oven	Mridula Ratheesh Vania Anne d/o Arokianathan Efraim John Cabardo Goh Choon Aik	Mdm Nurul Ashikin Mr James Long Ms Uma Surendran	Gold
A12	North View Primary School	Bacteria Invisible, but not Invincible	Diane Chong Min Isabelle Caroline Dylan Koon Meng Xiang Chen Xuxiang	Ms Uma Surendran Mdm Nurul Ashikin	Bronze

Group A (P3/P4)					
	School	Title of Project	Names of Pupils	Teacher Mentor	Result
A13	Peiying Primary School	Liquid Behaviour	Lim Guan Sheng, Marcus Er Wen Xuan Wong Yann Ning, Grace Chua Zi Tao Jed Jasman	Ms Lee Seng Mei Mrs Lee-Ong	Cert Of Commendation
A14	Qihua Primary School	Investigation on which types of jam mould earlier and faster-the ready made jams or jam from fresh fruits	Iris Chin Xin Yi Muhammad Shamsul Bahri bin Sazali Nirel Tan Sho Jon Siti Nur Afiqah	Masturah Binte Mohamed Mashoo	Cert Of Commendation
A15	Sembawang Primary School	Germes free?	Teh Jiamin Tricia An Sun Young Kong Yu Qi	Kow Xiao Min Joanne	Cert Of Commendation
A16	Woodlands Ring Primary School	Under A Spectrum of Light	Joey hiew mun yee Lau su jun Tham yun xuan Tan yin xuan Serena lim ying Hui	Mdm Siti Mazni Binte Mohamed Jalani	Cert Of Commendation
A17	Woodlands Ring Primary School	Too Hot To Handle!	Ng chu wen Oh wei hao Tey shi jie, sebastian Muhammad faruq b jahangeer Nur qadirah bte abdul wahid	Mdm Siti Mazni Binte Mohamed Jalani Madam Rajeswari	Silver
A18	Xishan Primary School	What's the fastest way to cool a drink?	Jenz Isaac M. Perez Nickson Ng Wong Che Teng Nur Syafawani Megan Wong Hui	Mdm Siti Juliana BInte Khairoman	Cert Of Commendation

Group A (P3/P4)

	School	Title of Project	Names of Pupils	Teacher Mentor	Result
A19	Xishan Primary School	Which design of wing is the best for a bottle rocket?	Ivy Loo Tai Ting Subramanian Kumar Thandar Maw Mohd Khairi	Mr A. Hakim bin A. Latib	Cert Of Commendation
A20	Yishun Primary School	Grease-ydle	Ong Wei Zhi Sim Yu Xuan Alysia Tan Jean Lim	Ms Brenda Wong	Gold (selected for presentation)
A21	Anderson Primary school	Hot Air Balloon	Ang Shao Ren And Shao Heng	Mdm Neo Nah	Bronze

Group B (P5/P6)					
	School	Title of Project	Names of Pupils	Teacher Mentor	Result
B1	Canberra Primary School	Magic stain remover	Aloysius Quek Jun Hui Nicholas Quek Jun Boon Wee Yu Hui Neo Yu Qing Chia Wai Theng	Cheok Liying Lim Kok Kiong Miss Siti Maisarah	Cert of Commendation
B2	CHIJ St Nicholas Girls' School (Pri)	Algae free environment	Ashley Keong Lai Shi Wei Valerie Micaela Arriola Lim Jia Ying Hannah Marie Clunies Ross	Lui Yenn Kai (Mr)	Bronze
B3	Compassvale Primary School	Making biodegradable plastics	Glenda Chong Joslyn Neo Siti Nur Atiqah Nurliyah Syafiqah	Mrs Teo Hung Ling	Gold
B4	Evergreen Primary School	Homemade Toothpaste	Gabrielle Wan Kexin Joyce Heng Bei Lin Deguzman Justice Christian Pre Tan Wai Weng Nur Dini Atiqah Bte Fitri	Mr Yap Heng Yeow	Cert of Commendation
B5	Fuchun Primary School	To investigate if music affect plant's growth.	Tai Jing An Felix Phua Wei Jie Bryan Tan Yong Ern	Ms Tern H K	Cert of Commendation
B6	Hougang Primary School	"Transition" car windscreen	Jasmin Teo Xin Ya Cheryl Tan Wenn Min Nai Jie Lin Cheh Fu Yang Low Sheng Wei Ernest	Zarinah Ali Colin Chia	Silver

Group B (P5/P6)					
	School	Title of Project	Names of Pupils	Teacher Mentor	Result
B7	Maris Stella High School(Primary)	Amazing Crystal	Wong Wing Tai, Daniel Josea Evan Tan Rong Jun Daryl Ng Sheng Wei Yew Ke Yao	Chiam Ru Qi	Bronze
B8	Marsiling Primary School	"The waste watchers"	Lim Jing Wen Hakim B Mohd Yunos Leong Kah Kit	Mdm Sharifah Zalina	Silver
B10	Naval Base Primary School	Self Wetting Mop	Gerald Peh Gurjeet Singh Neo Peng Hui Toshiya Hagiwara Subham Singh	Mdm Siti Fauziah Jasman	Bronze
B11	North Spring Primary School	Investigation on the effective ways to prevent or slow down the process of rusting.	Anusha Devi Ravi Megan Tan	Mdm Saudah Salleh Mr Mohd Imran Mrs Lee Jean	Cert of Commendation
B12	Si Ling Primary School	SUNsational Box Cooker	Jane tay Ang xiang han Tham wen long	Mdm Anom Aris	Gold
B13	Yio Chu Kang Primary School	Vegetables! Cook them Well!	Muhammad Saufi B D zulkifley Khairul Hafizh Wu Hao Aqilah Fiona Bte Abdul	Mrs Yean Sok Kheng	Cert of Commendation

Group C (P5/P6)					
	School	Title of Project	Names of Pupils	Teacher Mentor	Result
C1	CHIJ St Nicholas Girls' School (Pri)	Microwaved-water & Plants!	Ng Su Wen, Nicole Rachel Wong Pei Yi Siew Lei Neo Yu Shan Phoebe Ong Xian Hui Joanne	Lui Yenn Kai (Mr)	Cert of Commendation
C2	Evergreen Primary School	Stain eliminator	B Rajeswari Mohamed Aiman Anzari Nicholas Yeo Yue Chong Jeremy Chang Ashley Tan	Ms Jayanthi	Bronze
C3	Fuchun Primary School	To investigate which type of substance will help the cracking of hardboiled eggs easier.	Valentina Teh Lim Jia Qi Yvonne Moh Cheryl Chin Qian Ni Yeap Yee Sing	MS TERN H K	Gold
C4	Hougang Primary School	"Healthy" Cola? Debunking the truth of so-called healthy Cola drinks.	Laura Tan Jia Min Madeline Lim Yu Han Lee Pei Yu M Kalyanni Chong Rei Yin	Colin Chia Zarina Bte Ali	Cert of Commendation
C5	Maris Stella High School (Primary)	The Portable Hydroponics System	Nathaniel Chan Yi Wei Raphael Souw Han Jie Mok Wei Yang Liaw Julian	Loy Su Ann Ng Chin Chye	Silver
C6	Marsiling Primary School	Magnetic PowerPlant	Lim Zi Qi Vanessa Lim Vern Xuan Nur Fateha Bte Mustaffa Toh Pei Li Carolyn Goh	Miss Bavani	Cert of Commendation

Group C (P5/P6)					
	School	Title of Project	Names of Pupils	Teacher Mentor	Result
C7	Mayflower Primary School	Determining the best flour for making the stickiest starch glue	Tan Sook Theng Dylan Chew Koh Zhi Hong Chanel Lee	Mdm Idma Hanita bte Mohamed	Bronze
C8	Naval Base Primary School	Which Substance is the best whiteboard cleaner?	Amanda Tan Terence Tan Win Yeo Linsey Ng	Mrs Annie Lim	Cert of Commendation
C9	Northland Primary School	Block the Sun with...	Lim Fang Chuang Suhas Ramanan Cheryl Pay Hui Yi Damien Heng Ong Wen Hao	Mr Lim Sze Han	Silver
C10	North Spring Primary School	Investigation on the types of water which will attract the most number of mosquitoes to lay their eggs in.	Tan Shu Hui Kimberly Aw Felicia Chu Shu Wen	Mdm Saudah Salleh Mr Mohd Imran Mrs Lee Jean	Cert of Commendation
C11	Sembawang Primary School	Yeast Tamer	Ong Qin Soo Nicole Lim Yi Xuan Jasmine Lim Kai Li Bryan Leong Yu Xuan Phua Kai Jie	Lim Yeng Chian	Bronze
C12	Si Ling Primary School	Look ! NO Wheels!	Keval Panchal Lee Yee Darick Ong Jun Heng	Mdm Anom Aris	Cert of Commendation

Group C (P5/P6)					
	School	Title of Project	Names of Pupils	Teacher Mentor	Result
C13	Yio Chu Kang Primary School	Rooty Potatoes	Sarah Nurhani Bte Suhairi Jannine Lim Tan Mei Hui Tan Gia Yiing Nur Sabrina Bte ABD Karim	Mrs Yean Sok Kheng	Gold (selected for presentation)

Group D (P5/P6)					
	School	Title of Project	Names of Pupils	Teacher Mentor	Result
D1	CHIJ St Nicholas Girls' School (Pri)	Plantibacterial Properties	Tay Hui Lyi Foo Zhi Xin, Andrea Ng Sue Hui, Aricco Chu Sin Ping, Natalie Ren Ying	Jeannette Tan (Miss)	Silver
D2	Evergreen Primary School	Remember to brush your teeth	Tan Ming Liang Oh Ming Ruey Darren Teow Nur Shameen	Mrs Law Tan Tsui Wen	Cert of Commendation
D3	Fuchun Primary School	To investigate how to stop us from tearing when cutting onions.	Choong Jun Mao Lucas Tee Ye Xuan P Pradeep Yeo Shi Jie Hakim	MS TERN H K	Cert of Commendation
D5	Maris Stella High School (Primary)	Anti - UV	Foo Jih Shenn Daryl Chan Chun Kian Sean Goh Shao En Darren Tan Yi Chen Eugene Wong Wei Huan	Chua Shuan Kwee	Silver

Group D (P5/P6)					
	School	Title of Project	Names of Pupils	Teacher Mentor	Result
D6	Marsiling Primary School	Flossy Galore!	Charanpal Singh Jeff Chaig Song Ren Pang Kang Kwan Ching Jun Shen Azeera	Ms Dawn Lee Yong Sze Leng	Gold
D7	Mayflower Primary School	Which is the Best Brand of Pen?	Phyllis Loo Zecchariah Low	Mdm Idma Hanita bte Mohamed	Cert of Participation
D9	North Spring Primary School	Investigation on the effect of salt on the boiling point of water	Ren Li Poh Chen Wei	Mdm Saudah Salleh Mr Mohd Imran Mrs Lee Jean	Cert of Commendation
D10	Si Ling Primary School	Iron for Breakfast....Anyone?	Md. Haziq Bin Haron Ian Lai Kheng Yan Noor Ashraf Bin Jalal	Mdm Anom Aris	Gold
D12	Yio Chu Kang Primary School	Cool Quench!	Afia Shuaiba Lee Jia Jing Syakirah bte Muhammad Amir Tan Xin Ying Melissa Zhu Meng Tong	Mrs Grace Quek	Bronze
D13	Yishun Primary School	Flou-Ride	Guo Xiaofang Amanda Dorotea Susanto Chen Jun Hao Charmaine Cheong Wen Yi	Mrs Sindy Koh	Bronze

Group E (P5/P6)					
	School	Title of Project	Names of Pupils	Teacher Mentor	Result
E1	Canberra Primary School	Green is cool!	Jonathan Shong Guobin Ryan Jeremy Lim Jing Wei Liew Jun Hui Joel Lim Kuan Muhd Khairulanuar	Cheok Liying Lim Kok Kiong Siti Maisarah	Cert of Commendation
E2	Compassvale Primary School	Bright Sparks	Taghoy Adrheinelle Emmalyn M Tan Jia Wei Syamimi Awadah Bte Abdul K Isabel Ng Yu Juan	Zaiphizat Putra B. Zainalabidin	Silver
E3	Greenwood Primary School	My Heart Will Go On	Loi Yi Xi Yeo Chiat Kit	Wong Li Peng Lee Choong Yong Mervyn	Cert of Commendation
E4	Mee Toh School	Rainbow Rooms	Terence Tan Cherlyn Ho Lim Shin Yi Nicholas Phua	Mrs Aw Li Ting	Cert of Commendation
E5	Northland Primary School	Grapes and Colgate	Dylan Falsado Sahil Sarah Nicole Tan Chia Hwi Jeanne G. J. Strachan Marcus Cheong Wee Jan	Ms Asmawati	Bronze
E6	Peiyong Primary School	To investigate how the shape of a parachute affects how long it will stay in the air	Lim Jin Hao Teo Jing Xun Ore Chee Huai Chen Xuan Zhi Nabila Bte Zolkifli	Mrs Lee –Ong C. L.	Silver
E7	Qihua Primary School	Edible Receptacle	Chai Zhi Quan Loo Yin Yin Muhammad Haziq B Hanif Kitty Oh Ching Hui Teo Jia En	Mdm Zarinah Bte Dalail	Gold

Group E (P5/P6)					
	School	Title of Project	Names of Pupils	Teacher Mentor	Result
E9	Sembawang Primary School	Evaporation Blues	Chan Dian Ting Royce Phua Cheng Lu Samuel Cheryl Chng Hioc Sim	Lai Chih Wei	Gold
E11	Woodlands Ring Primary School	Suitable water temperature to remove food substances	Radell Ng Jun Long Goh Quan Sheng Terence Thong Luo Jie Noor Hidayat B Abdul Wahid See Yi Zhen Clara	Mohamed Adli Bin A Bakar	Bronze
E12	Xishan Primary School	Stain Removettes	Jodi Wong Candice Lee Nur Izzati Tang Kai Xin	Mr Andrew Ng	Cert of Commendation
E13	Yishun Primary School	Drink-up	Abraham Baloch Amirul Haziq B Mohd Ambran Ho Chong Jian Jonathan Ang Chin Kiat	Mdm Latifah binte Mohamed Hussain	Cert of Commendation

Group F (S1/S2)					
	School	Title of Project	Names of Pupils	Teacher Mentor	Result
F1	CHIJ St Nicholas Girls' School (Sec)	To investigate which type of flowers can be used to make pen ink?	Carissa Tan Wei Cui Cheryl Chiam Isabel Tan Kai Lin Odelia Tiong Hui Xuan Tan Jia Chee Andrea	Mr Leow See Yong	Bronze
F2	Christ Church Secondary School	Thawing of frozen meat	Luqman Norhaziq B Hassan Sim Ru Ying Jolene Tan Yi Shuen Aldrich Leau Zi Hui	Ramiah Kamala Devi	Bronze
F3	Compassvale Secondary School	Let's drink to power!	Lim Wei Xiong Leonard Wong Zhi Min Valerie Lau Ping Ying Seow Jia Min Clarice Nur Amirah Bte SyedHussain	Mr Saravanan Kasinathan Ms Teo Ying Zhi Mdm Jamaliah Mohd Saleh	Cert of Commendation
F4	Deyi Secondary School	To investigate the feasibility of using compact recycled papers in barbeque pit.	Goh Chew Lin Wong Zancis Wong Pearlyn Aw Xin Fang Yang Wei	Ng Geok Keow, Shirley Tan Eileen	Gold
F5	Evergreen Secondary School	To determine which plant is a better accumulator of Cu: Indian mustard or tomato	Ong Jing Zhi Lucas Tay Kiat Loong Lim Min Sim Hwee Teng Nurul Sofia Bte Assahari	Chong Siew Sia	Cert of Commendation
F6	Fuchun Secondary School	Purification of water	Duryakshini Gurusamy Dwi Idayuny bte Jumadi Khairunnisa bte Abdul Rahim Norshahira bte Mohd Noor Brian Thio Yu Li	Mrs Beryl Lim	Cert of Commendation
F7	Maris Stella High School (Sec)	Investigating the type of bacteria found on currency and producing an organic antibacterial soap.	Justin Ng Edmund Ng Ian Ng Nicholas Seet	Miss Prameeta Menon Amy	Gold

Group F (S1/S2)					
	School	Title of Project	Names of Pupils	Teacher Mentor	Result
F8	Nan Chiau High School	Removal of oil spills by sawdust	Abigail Lee Jie Ying Chow Shu Min Evangeline Neo Boon Kit Tan Yuen Zhang Darren	Miss Chum Zhi Zhen Miss Leow Shie Hui	Cert of Commendation
F9	North Vista Secondary School	An investigation on the anti-bacterial effects of Chinese herbs	Chan Jia Hui Isabella Ng Jie Jia Tan Yi Shan Esther Lim Yang Jin Bryan Leow Ee Kwang	Miss Chen Pei Yu Miss Lee Sook May	Silver
F10	Orchid Park Secondary School	Investigating the effectiveness of some materials in absorbing sound	Tan Shuyi Carene Ariel Stephanie Pereira Lee Zheng Yu Gagandeep Singh Sidhu	Mr Saktun Bin Tulus	Cert of Commendation
F11	Pei Hwa Secondary School	Alternative sources of fuel from food products	Tyrone Tan Ren Hao Tan Yong Jie Aw Jia Teng Benjamin Tham Ji Keong	Neo Hui En Cherlyn	Cert of Commendation
F12	Presbyterian High School	Effects of crab chitin and chitosan on the growth of in vitro <i>Epicattleya</i>	Chia Kah Sheng Ellery Edwin Ho Wei Ng Wei Xiang Tymon Toh Qinye Victor Tan Yao Leng	Mrs Choy Hui Peng	Silver
F13	Serangoon Secondary School	The Effectiveness of Different Brands of Deodorants	Ang Wen Zhen Angie S Siva Ranjini Dinesh Mangalanathadurai Muhammad Zaki Bin Zakaria	Mdm Lu Yen Ling Mdm Low Tin Yan Mr Ng Soon Aik	Bronze
F14	Si Ling Secondary School	To investigate the factors that affect the burning time of candles.	Tan Hui Xian, Venessa Anne Marie Tay En Hui Jordan Lim Jian Li Yang Feng Chi	Wu Danping	Cert of Commendation

Group F (S1/S2)					
	School	Title of Project	Names of Pupils	Teacher Mentor	Result
F15	Woodgrove Secondary School	What is in my bottle of drinking water?	Haikel Lee Hui Yi Tan Boxin Rachael Teo Sophia Lin Alethea Koh	Lee Shu En	Cert of Commendation

Group G (S1/S2)					
	School	Title of Project	Names of Pupils	Teacher Mentor	Result
G1	Anderson Secondary School	Effectiveness of anti-bacterial effects of different liquid hand soaps	Lim Jia Jin Nicholas Goh Jun Jie Sum Jia Hui P. Praveen	Mr Ng Wei Da	Bronze
G3	Compassvale Secondary School	It's just Water!	Tang Xue Shan Yvonne Gan Chien Huey Odessa Ling Jia Ying Muhammad Khairudin B Nordin Jolene Chong Xin Yan	Ms Teo Ying Zhi Mr Saravanan Kasinathan Mdm Jamaliah Mohd Saleh	Cert of Participation
G4	Deyi Secondary School	Improved flush system	Pek Yok Bin Lee Xue Er Janice Cheah Winnie Wang Si Hui	Brian Wongchin Choong Albert Ong Soon Yijin Ian	Silver
G5	Evergreen Secondary School	To investigate the effects of surrounding on copper (II) sulphate crystal growth	Lim Yun Yen Ng Yan Ying Kong May Leng Chia Choon Kiat William Tay Jackson	Neo Shu Hua	Cert of Participation

Group G (S1/S2)

	School	Title of Project	Names of Pupils	Teacher Mentor	Result
G6	Greendale Secondary School	Investigate the thermal properties of gases	Toh Lu Ying Gina Baggio Lau Maryana Xu Mei Shan	Mr Don Yeo Shyh Yuan	Cert of Commendation
G7	Maris Stella High School (Sec)	Making of an effective antibacterial soap that is gentle on the skin	Berwin Tan Jeremy Teo Daryl Too Jan-Michal Ong	Miss Esther Chia Shu Hui	Cert of Participation
G8	Nan Chiau High School	Which animal fats will serve as the best alternative biofuel	Nickson Ong Yong Xin Eileen Chai Yan Rong Ooi Yik Ming Tay Hui Yi Jazin Zakaria Jia Xin	Miss Joey Chin Li Yu	Gold
G9	North Vista Secondary School	Creating bioethanol from fruits	Leong Eu Hern, Titus Clement Chan Jin Liang Damian Er Zhong Ying Jarryl Sung	Miss Lee Sook May Ms Chen Pei Yu Mr Khoo Hock Soon	Cert of Commendation
G10	Orchid Park Secondary School	How does the volume of background music affect short-term memory?	Muhammad Haziq B Mohd Hanafiah Ho Wei Er Ko Kai Xiang Lee Gun Jig Ng Jing Nicholas	Madam Ng Yoke Lan	Cert of Participation
G11	Pei Hwa Secondary School	Can rockets be powered by solar cells?	Ong Jing Jie Joshua Pieter Goh Lai Tan	Neo Hui En Cherlyn	Bonze
G12	Presbyterian High School	Using recycled materials to make buiding materials	Kang Nicolas Ko Andrew Ronald Heng Seng Poo Soo Jing Huey Gladys Goh Ke Xin	Mrs Choy Hui Peng	Bronze

Group G (S1/S2)

	School	Title of Project	Names of Pupils	Teacher Mentor	Result
G13	Si Ling Secondary School	To investigate which brand of diapers absorbs the most water	Musfirah Bte Nordin An Hui Vergara Tricia Jean Boncacas	Wu Danping	Cert of Commendation
G14	Woodgrove Secondary School	The effectiveness of hand soaps on removing bacteria	Mike Chng Wei Kuang Chai Zhen Hong Ngai Kah Ming Goh Hui Ting	Jasmine Tan Cheng Lan	Silver
G15	Yishun Town Secondary School	To investigate the effectiveness of home made mouthwash using household products	Tay Kiat Bboon Liaw Wen Kiat Por Xiao You Daniel Seah Rui Qi Janice Tay Yan Lin	Mrs Wong Shu kuan Madeline, Ms Theresa Koh	Gold
G16	Montfort Secondary School	To investigate the strengthening effects of different shampoos on hair	Georgy Mathew Kurien Don Ng Wei Jie Lim Wei Xiong Gideon Lim Wei Hong Benjamin	Mr Lim Kim Huat	Bronze

Group H (S1/S2)

	School	Title of Project	Names of Pupils	Teacher Mentor	Result
H1	Admiralty Secondary School	Investigation of harmful substances present in Hand Soap and the way it affects our lives	Chan Si Ying Tan Ming Qian Wilson Low Hui Yi Ong Zheng Bin Jasper Teo Ai Xin Laura	Mr. Thoo Chin Aun Ms. Tan Kai Xin	Cert of Commendation
H2	Anderson Secondary School	Testing for optimum duration of boiling TCM herbs	Tan Jie Yi Lee Cheng Da Chiang Hai Xuan Low Wei Ming Kendrick Low Qi Hua	Mr Ng Wei Da	Gold (selected for presentation)
H3	Bowen Secondary School	Bread	Yee Wan Ling Mewelynn Hong May May Tan Ee Shuen Sharvin D/O Sajiv Ivy Ng Yu Mei	Mr Chan Khai Mun Mr Mohd Farid	Cert of Participation
H4	CHIJ St Nicholas Girls' School (Sec)	Oil spill salvation	Alicia Tan Yi Jia Goh Jing Yi Liang Pei Yu Bernadette Teo Shu Wen Yew Lun Bei	Ms Cheryl Cheong Yunling	Cert of Commendation
H5	Compassvale Secondary School	Medicine Cocktail	Lim Kian Hong Lim Xiong Chang Janissa Chua Wan Jin Emily Nancy Caluraud Yu Xuan Xie Yingjie	Mdm Jamaliah Bte Mohd Saleh Ms Teo Ying Zhi Mr Saravanan Kasinathan	Cert of Commendation
H6	Deyi Secondary School	Investigating how different designs of the blades affect the efficiency of a windmill to generate electricity	Er Wen Shah Brenda Cheong Liu Xin Ying Shirley Toh	Brian Wongchin Choong, Soon Yijin Ian	Bronze

Group H (S1/S2)

	School	Title of Project	Names of Pupils	Teacher Mentor	Result
H7	Evergreen Secondary School	To identify the elements present in the sun atmosphere by observing the solar system	Charlene Tan Qiu Jin Weng Si Dun Wong Hong Chye See Shi Ting Shermain Zhang Qing Yang	Goh Chee Wee	Cert of Participation
H8	Fuchun Secondary School	Combat global warming with the best oxygen factory and carbon sink	Michelle Ng Chiew Suang Chan Eu-Wey Ryan Pang Shi Hao Shivavaruman Durairaj Agatheeben	Mr Sivakumar Murugaya	Cert of Commendation
H9	Maris Stella High School (Sec)	Plastic made from milk	Lloyd Ng Zi Peng Aden Neo Rui Yu Issac Poon Wen An Ryan Tan	Miss Lum Wai Mei	Cert of Commendation
H10	North Vista Secondary School	How to create a natural detergent	Saw Young Ern Phoebe Ting Bei Shi Zion Teo Wee Kiat Lim W K Wesley Foo Qun Zhen Cherlyn	Miss Lin Simin, Mr Khoo Hock Soon	Cert of Participation
H11	Orchid Park Secondary School	Does the Egyptian pyramid model have preservative power?	Gui Rui Yan Phua Yu Ning Annie Lim Rayn Low Teo Jun Rong	Wong Mei Sim Carole	Cert of Participation
H12	Pei Hwa Secondary School	Does double-dipping really matter	Chan Zhi Qiang Darren Wee Zhe Yu Loo Ming Xu Yap Jun Hao	Neo Hui En Cherlyn	Cert of Participation

Group H (S1/S2)

	School	Title of Project	Names of Pupils	Teacher Mentor	Result
H13	Serangoon Secondary School	An investigation on whether mobile phone users feel that radiation from mobile phones causes the head to be warmer	Tan Nian Yi Thng Yue Ying Wee Hui Ting Amanda Jeevanand S/O Anandan Alfred Chan Choon Kiat	Mr Adrian Sim Miss Muna	Cert of Participation
H14	Yio Chu Kang Secondary School	Keep your Cool	Hansen Tan Hong Wei Jian Daniel Maung Nyan Lin Steward Regan Haliman	Sarah Wong Sin Puay San	Bronze
H15	Yishun Town Secondary School	Hand Sanitizer	Mitchell Tan Koh Min Jie Tan Hwee Chi Ju Hui Ling Choo Kai Bing	Mr Toh Weixiang, Mr Tan Cze Yang Jack Ms Theresa Koh Miss Pou Li Min Charlotte	Silver

Group I (S1/S2)					
	School	Title of Project	Names of Pupils	Teacher Mentor	Result
11	Admiralty Secondary School	Investigation on the effectiveness of antibacterial floor cleaners and it's potential effect on skin	Khu Giem Teck Lakshit Kumar Ho Manfred Jack Ho Tan Hui Ying	Ms Sujena Ms Nurul Aini	Bronze
12	Anderson Secondary School	Comparing the efficiency of organic detergents with normal detergents in removing stains (at room temperature and 50°C	Tay Kai Lin Regina Bella Poon Tung Tung Mindy Chong Min Er Seah Siew Ping Kelly Yeo Wenqing Sherry	Mr Arthur Lim Kuan Yick	Silver
13	Bowen Secondary School	Plasti-sation	Joel Wong Yash Bhati Ang Ghee Tat Shivanaand S/O Mahendran Jason Lee Wei Kang	Chen LingLing Evelyn Chow Lee Lee	Cert of Commendation
14	CHIJ St Nicholas Girls' School (Sec)	Recycle Rubbish to Run your car	Alicia Lim Carren Teo Chin Yui Yih Justina Hussain Lee Ern May Alicia Lim	Mr Paul Nah Soon Heng	Cert of Commendation
15	Christ Church Secondary School	Nutri - Rice	Maria Alyana Raiyini d/o BaluThiviyapriya d/o of Murugesh R.Nivetha Mohamed Irshad s/o Rias	Ms Chong Mea Fun	Bronze
16	Fuchun Secondary School	Fruit battery – using fruits to generate electricity	Goh Kok Hong Muhammad Adli B Supardi Deveanraj S/O Ramachenderan Muhammad Hazeeq B Mohd Yazid Indhiran S/O K Sundaram	Mr Daniel Chong	Silver

Group I (S1/S2)					
	School	Title of Project	Names of Pupils	Teacher Mentor	Result
17	Greendale Secondary School	To Investigate the Potential of Different Types of Nuts in Making Biodiesel	Dorcas Koh Jia Hui Kang Chea Ting Apphea Tang Ai Min	Miss Nur Marlina Johary	Gold
18	Nan Chiau High School	What are the factors affecting the energy-efficiency of a solar-powered model vehicle?	Ng Rui Yuan Tan Kai Liang, Herman Daryl Tay Tan Jun Kiat, Kevin Lim Say Hao	Mr Goh Khan Sen	Cert of Commendation
19	Presbyterian High School	Which plants can perform phytoremediation well	Tadina Raul Ezra Sison Heng Li Wei Bertrand ChenLihan Cheok Kaa Ming Darius Moh Zhuang Xun	Mr Jeremy Kong Mrs Choy Hui Peng	Gold
110	Serangoon Secondary School	An investigation on whether drying wet clothes at indoors affect humidity at home	Ansley Chew Si-Wei Anusri D/OVeeragoo Suppiah Rati Shukla	Mr Adrian Sim Miss Muna	Bronze
111	Si Ling Secondary School	How to get rid of ants using home remedies	Soo Yann Loong Muhammad Danial B Roslan Desmond Ng Wei Zhuen Handra	Wu Danping	Cert of Participation
112	Woodgrove Secondary School	Is more expensive mouthwash more effective in removing bacteria from the mouth.	Lee Yong Cheng Aw Jie Shi Yap Shen Yu Thio Kuang Xiang Maizurah Bte Mohd Yasin	Tan Cai Ling	Cert of Commendation
113	Xinmin Secondary School	Semi-Hydropowered orchids!	Trilene Liang Ruiting Voon Siew Li Low Jun Xian Willianto	Rita Wong	Cert of Commendation

Group I (S1/S2)

	School	Title of Project	Names of Pupils	Teacher Mentor	Result
I14	Yio Chu Kang Secondary School	Electrical conduction of fruits through chemical reaction	Win Myat Myat Vithiya Marimuthu	Huang Meifeng Mr Simon Foo Sian Kok	Cert of Commendation
I15	Yishun Town Secondary School	The study of ph level of water and its effects on plant growth	Yeo Si Yuan Alvin Tan Jiong Yang Victor Yeo Wei Teck Toh Ting Hui	Mrs Amanda Tan Ms Pou Li Min Charlotte	Cert of Commendation