

11th NORTH ZONE STUDENTS' SCIENCE RESEARCH CONFERENCE & EXHIBITION  
 28<sup>th</sup> July 2005  
 Evergreen Primary School  
 GROUP A (INNOVATIVE & CREATIVE)

No.	School	Title of Project	RESULTS
A1	Ang Mo Kio	Lipsmackers	SILVER
A2	Canberra	Garden Pendant	GOLD
A3	Evergreen	Bubble Bath	COP
A4	Greenwood	Mighty dustbin	SILVER
A5	Greenwood	Soil Shredder	SILVER
A6	Hougang	Project fishbowl	BRONZE
A7	Mee Toh	Out of the Blue	SILVER
A8	Naval Base	What solution does a flower absorb best ?	BRONZE
A9	Northview	Beautiful Skin	GOLD
A10	Wellington	It is safe to drink	BRONZE
A11	Yio Chu Kang	The Friendly Whiteboard marker	BRONZE
A12	Yio Chu Kang	Heartbeat and Colour	SILVER
A13	Woodlands Ring	Yummy Fries (1)	COP
A14	Woodlands Ring	Yummy Fries (2)	COP

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 28 July 2005  
 Evergreen Primary School  
 GROUP B (ENVIRONMENTALLY FRIENDLY)

No.	School	Title of Project	RESULTS
B1	Compassvale	Spicy Repellent	SILVER
B2	Evergreen	Eco-Fertilisers	GOLD
B3	Hougang	Compost Power	GOLD
B4	Marsiling	Fruit Power	BRONZE
B5	Marsiling	Investigation on non-toxic liquid	BRONZE
B6	Northland	Glitter Globes	BRONZE
B7	Qihua	Pencil extension	SILVER
B8	Wellington	The air we breathe	COP
B9	Xishan	Diaper Test	BRONZE
B10	Yio Chu Kang	Mealworms-Plastic eaters	COP
B11	Yio Chu Kang	Paper-making	SILVER
B12	Woodlands Ring	Fragrance from rice wine, vinegar	COP
B13	Woodlands Ring	Solar water disinfection	SILVER

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 GROUP C (ENTERPRISING & ENTREPRENEURIAL)

No.	School	Title of Project	RESULTS
C1	Canberra	Auto Flag	SILVER
C2	Canberra	Economical Dish Dryer	BRONZE
C3	Canberra	Table in a bag	COP
C4	Canberra	Cool Comfort	SILVER
C5	Evergreen	Soy Soap Scrub	GOLD
C6	Greenwood	Paintish	SILVER
C7	Marsiling	Colder than cold	SILVER
C8	Naval Base	How to improve a water bottle	BRONZE
C9	Sembawang	The best tooth cleaner	GOLD
C10	Wellington	Algae Free Spectacle	COP
C11	Xishan	Aloe Booster	BRONZE
C12	Xishan	Best Water Soaker	BRONZE
C13	Yio Chu Kang	Making of Soap	SILVER

**PROJECTS RESULTS OF 11TH ELEMENTZ CONFERENCE & EXHIBITION**

**GOLD AWARD WINNERS**

No	Results	School	Group & Exhibit No Location	Title of Project	Project students names	Name of teacher mentor or mentor from higher institutions Email and contact no.
1	<b>Gold</b> Innovative & Creative	Anderson Secondary	A1 Loc A1-01	Studies on hard X-ray emission zone from Plasma Focus Device	1) Saw Hui Min 2) Mabel Yap Wan Ching	1) Mdm Tey Chin Chin <a href="mailto:tey_chin_chin@moe.edu.sg">tey_chin_chin@moe.edu.sg</a> 2) Prof Paul Lee Choon Keat (NIE) 3) Prof Rajeev Singh Rawar (NIE)
2	<b>Gold</b> Innovative & Creative	Christ Church Secondary	A1 Loc A1-07	Does music affect the rate of heartbeat?	1) Uthayakumar s/o Anandamohan 2) Mark David 3) S. Lavin 4) Bryan Nicholas Angel	1) Ms N. Uma Devi <a href="mailto:uma_devi_nadesvaran@moe.edu.sg">uma_devi_nadesvaran@moe.edu.sg</a>
3	<b>Gold</b> Innovative & Creative	Christ Church Secondary	A2 Loc A2-07	Make your own PH indicator using vegetables and fruits	1) Goh Pan Ying 2) Lai Kexin 3) Lai Zhaoxiu 4) Chu Hua Sheng Elson 5) Edmund How Kay Choon	1) Lee Ngean Khim , Andy <a href="mailto:lee_ngean_khim@moe.edu.sg">lee_ngean_khim@moe.edu.sg</a>
4	<b>Gold</b> Environmentally Friendly	Maris Stella High Sch	B1 LocB1-06	Mate selection of guppies	1) Chua Wah Tien Dick 2) Ooi Yong Ann 3) Aaron Wee Ya Lun 4) Nicholas Lu Jin Hao	1) Ms Fong Kit Ching <a href="mailto:fong_kit_ching@moe.edu.sg">fong_kit_ching@moe.edu.sg</a>
5	<b>Gold</b> Environmentally Friendly	Woodlands Ring Sec	B2 Loc B2-12	An ecological study of the plant species along Sungei Loyang Mangrove forest.	1) Jemimah Tan 2) Tan Pei Xian 3) Eunice Oon 4) Tracie Ooi	1) Mr Chong Jack Sheng <a href="mailto:Chong_jack_sheng@moe.edu.sg">Chong_jack_sheng@moe.edu.sg</a>
6	<b>Gold</b> Enterprising & Entrepreneurial	Woodgrove Sec Sch	C1 Loc C1-09	Analysis of Vitamin C content in the leaves of moringa oleifera.	1) Brenda Ang Xiang Mei 2) Angeline Kuan Yi Wei 3) Sharon Wong Hui Sian	1) Mrs Ram Naidu <a href="mailto:rajeswari_sinkaram@moe.edu.sg">rajeswari_sinkaram@moe.edu.sg</a>
7	<b>Gold</b> Enterprising & Entrepreneurial	Seng Kang Sec Sch	C2 Loc C2-08	To invent a portable device to help wheelchair bound individuals into a car.	1) Andy Toh Di Di 2) Kee Wan Ting 3) Neo Zhi Hui 4) Genevieve Ho Yu Han 5) Muhammad Syabil Tan	1) Mr Yap Yit Siang <a href="mailto:yap_yit_siang@moe.edu.sg">yap_yit_siang@moe.edu.sg</a> 2) Mdm Low Soo Kim <a href="mailto:low_soo_kim@moe.edu.sg">low_soo_kim@moe.edu.sg</a>

PROJECTS RESULTS OF 11TH ELEMENTZ CONFERENCE & EXHIBITION

SILVER AWARD WINNERS

No	Results	School	Group & Exhibit No Location	Title of Project	Project students names	Name of teacher mentor or mentor from higher institutions Email and contact no.
1	<b>Silver</b> Innovative & Creative	Anderson Secondary	A1 Loc A1-02	Quantitative analysis of differential gene expression in liver cancer rat animal model	1) Ang Zhaoliang 2) Ang Ziyuan 3) Lee Jia Hao	1) Miss Felicia Ho <a href="mailto:ho_gihui_felicia@moe.edu.sg">ho_gihui_felicia@moe.edu.sg</a> 2) Dr Hon Wei Min
2	<b>Silver</b> Innovative & Creative	Ang Mo Kio Secondary	A1 Loc A1-04	Anti-bacterial Essential oils	1) Samuel Cheng 2) Wong Junwei 3) Jimmy Tok Chun How	1) Mrs Veda <a href="mailto:maha_letchimi.krishnasam@moe.edu.sg">maha_letchimi.krishnasam@moe.edu.sg</a>
3	<b>Silver</b> Innovative & Creative	Hougang Secondary	A1 Loc A1-09	Automated Dust Roller	1) Tan Si Yuan Bryan 2) Ng Xiao Hui 3) Cheri Nur Aini 4) Teo Jie Qi Jackie 5) Lau Zhi Yuan Sherwin	1) Mdm Radzawaty Jamaludin <a href="mailto:radzawaty_jamaludin@moe.edu.sg">radzawaty_jamaludin@moe.edu.sg</a> 2) Ms Lau Shin Yunn <a href="mailto:lau_shin_yunn@moe.edu.sg">lau_shin_yunn@moe.edu.sg</a>
4	<b>Silver</b> Innovative & Creative	Serangoon Garden Sec	A2 Loc A2-12	Fruity Powers	1) Gugan s/o Subramaniam 2) Nadzirah Ble Ishak 3) Buveneswari d/o Ravi 4) Anusha Mary Mathew	1) Ms Siti Munira <a href="mailto:siti_munira_haidad_ali@moe.edu.sg">siti_munira_haidad_ali@moe.edu.sg</a>
5	<b>Silver</b> Innovative & Creative	Serangoon Secondary	A2 Loc A2-13	Investigations the effects of different types of fruits , herbs, antibiotics and facial cleansers on the growth of pimples.	1) Sandhya Devi 2) Jagroop Singh 3) Tan Wen Jie 4) Ng Lee Kiang	1) Mdm Lu Yen Ling <a href="mailto:lu_yen_ling@moe.edu.sg">lu_yen_ling@moe.edu.sg</a>
6	<b>Silver</b> Environmentally Friendly	Christ Chursh Sec Sch	B1 loc B1-03	Leaching of Bisphenol/A from plastic water bottles.	1) Chung Hui Yi Eunice 2) Elizabeth Ng Jia Yan 3) Ho Yin Jie 4) Abdul Wahid Khan 5) Tan Yen Sen	1) Lim Li Chen <a href="mailto:lin_li_chen@moe.edu.sg">lin_li_chen@moe.edu.sg</a>
7	<b>Silver</b> Environmentally Friendly	Serangoon Garden Sec	B1 Loc B1-11	An investigation on the properties of the sap of the frangipani plant.	1) Tan Chun Hao 2) Ling Wen Huan 3) Keith Lee Yong Keat 4) Liau Min Yee 5) Teo Wei Keat	1) Mr Chan Fook Sum <a href="mailto:chan_fook_sum@moe.edu.sg">chan_fook_sum@moe.edu.sg</a>
8	<b>Silver</b> Environmentally Friendly	Sembawang Sec Sch	B2 Loc B2-09	To investigate if it is economically productive to install infrared motion detector for saving electricity in school	1) Loh We De 2) Seah Eng Chun Andy 3) Kenneth Lee Bing Lun 4) Yee Guan Feng , Matthew 5) Yong Zi Kang	1) Mr Thong Nai Kee <a href="mailto:Thong_nai_kee@moe.edu.sg">Thong_nai_kee@moe.edu.sg</a>
9	<b>Silver</b> Enterprising & Entrepreneurial	Anderson Sec Sch	C1 Loc C1-01	Folding toilet bowl, saving more space	1) Li Nan 2) Zhang Run	1) Miss Eileen Chia <a href="mailto:chia_koon_lui_eileen@moe.edu.sg">chia_koon_lui_eileen@moe.edu.sg</a>
10	<b>Silver</b> Enterprising & Entrepreneurial	Sembawang Sec Sch	C1 Loc C1-08	Effects of different colour spectrum within the visible light on plant growth.	1) Foo Yong Xin 2) Chia Xing Lin 3) Teo Jia Yi 4) Deziree Wong Yim Peng 5) Ng Xue Wen	1) Teng Siew Lee <a href="mailto:teng_siew_lee@moe.edu.sg">teng_siew_lee@moe.edu.sg</a> 2) Goh Shek Hua teacher aide
11	<b>Silver</b> Enterprising & Entrepreneurial	Hougang Sec Sch	C2 Loc C2-06	Foot reflexology in soles	1) Ang Li Juan 2) Ong Zheng Jie 3) Sia Yao Yang 4) Tan Yu Chuan	1) Ms Chang Ying Yan <a href="mailto:chang_ying_yan@moe.edu.sg">chang_ying_yan@moe.edu.sg</a> 2) Gan Joo Seng <a href="mailto:gan_joo_seng@moe.edu.sg">gan_joo_seng@moe.edu.sg</a> 3) Mr Ivin Chan
12	<b>Silver</b> Enterprising & Entrepreneurial	Woodgrove Sec Sch	C2 Loc C2-09	A new health drink made from Moringa	1) Muhd Afiq 2) Muhd Taufiq 3) Muhd Ruzaini 4) Muhd Falmuhaimin 5) Nur Hidayah Ariffin	1) Mrs Ram Naidu <a href="mailto:rajeswari_sinkaram@moe.edu.sg">rajeswari_sinkaram@moe.edu.sg</a>

PROJECTS RESULTS OF 11TH ELEMENTZ CONFERENCE & EXHIBITION

BRONZE AWARD WINNERS

No	Results	School	Group & Exhibit No Location	Title of Project	Project students names	Name of teacher mentor or mentor from higher institutions Email and contact no.
1	<b>Bronze</b> Innovative & Creative	Ang Mo Kio Secondary	A1 Loc A1-03	Multipurpose rubbish holder	1) Lim Diam Han 2) Alex Tan Peng loon 3) Ng Ying Da Jasper 4) Jeremy Soh Wei Jie	1) Miss Jessica Lew <a href="mailto:lew_ching_min@moe.edu.sg">lew_ching_min@moe.edu.sg</a>
2	<b>Bronze</b> Innovative & Creative	Admiralty Secondary	A1 Loc A1-05	Edible Birthday Candle	1) Nathan Adair Graves 2) Ng Jing kai 3) Tan Kwan Meng Calvin 4) Priscilla Kham 5) Koh Xin Yue Karen	1) Mrs Carol Goh <a href="mailto:Tan_Chuen_wei@moe.edu.sg">Tan_Chuen_wei@moe.edu.sg</a> 2) Miss Joy Wong <a href="mailto:wong_kah_wan@moe.edu.sg">wong_kah_wan@moe.edu.sg</a>
3	<b>Bronze</b> Innovative & Creative	Bowen Secondary	A1 Loc A1-06	Biodegradable plastics	1) Chandra Charles 2) Chin Wai Leong 3) Loh Zi Ming 4) Nur Riyanti 5) Muhd Faez	1) Miss Jermaine Lee <a href="mailto:lee_soo_sian_jermaine@moe.edu.sg">lee_soo_sian_jermaine@moe.edu.sg</a> 2) Mrs Li Seow Koon <a href="mailto:ng_seow_koon@moe.edu.sg">ng_seow_koon@moe.edu.sg</a>
4	<b>Bronze</b> Innovative & Creative	Anderson Secondary	A2 Loc A2-02	Genotyping of leptin and leptin receptor gene	1) Melissa Heng Yu Ting 2) Daryl Low Ben Hur 3) Sebastian Tay Kai Sheng 4) Sherry Choo Sweet Yeng	1) Miss Felicia Ho <a href="mailto:ho_qihui_felicia@moe.edu.sg">ho_qihui_felicia@moe.edu.sg</a> 2) Dr Hon Wei Min
5	<b>Bronze</b> Innovative & Creative	CHU SI Nicholas Girls'	A2 Loc A2-06	How does the acidity of drinks cause teeth to corrode.	1) Jana Loh Yi Shan 2) Chong Ke Qing Cherie 3) Melissa Ng Xin Yi 4) Tan Yong En Rachel	1) Mrs Ang Tze Hwei <a href="mailto:Yeo_tze_hwei@moe.edu.sg">Yeo_tze_hwei@moe.edu.sg</a>
6	<b>Bronze</b> Innovative & Creative	Seng Kang Secondary	A2 LocA2-11	Frangipani Mothballs	1) Wendy Khoo Hui Wen 2) Magdalene Tan Siok Yee 3) Andrian Lau Wen Yao 4) Daren New Wei Loon 5) Lim Jun Da	1) Ms Cheryl Ong <a href="mailto:ong_yen_ping@moe.edu.sg">ong_yen_ping@moe.edu.sg</a> 2) Ms Loh Yoke Ling <a href="mailto:loh_yoke_ling@moe.edu.sg">loh_yoke_ling@moe.edu.sg</a>
7	<b>Bronze</b> Environmentally Friendly	Ang Mo Kio Sec	B1 Loc B1-01	Recycled fertilizers	1) Khong Jia Jin 2) Tan Jun Jie 3) Kwok Wei Hao 4) Ron Sim	1) Mrs Veda <a href="mailto:maha_letchimi_krishnasamy@moe.edu.sg">maha_letchimi_krishnasamy@moe.edu.sg</a>
8	<b>Bronze</b> Environmentally Friendly	Riverside Secondary Sch	B1 Loc B1-08	Making homemade plastic	1) Low Rui Qi 2) Liu Qi Qi 3) Low Pei Qi	1) Mdm Ho Soo Yin <a href="mailto:ho_soo_yin@moe.edu.sg">ho_soo_yin@moe.edu.sg</a>
9	<b>Bronze</b> Environmentally Friendly	Deyi Secondary	B1 Loc B1-04	Plants used as a natural repellent	1) Benjamin Lim 2) Nicholas Chew 3) Ong Siong Loong 4) Lewis Pang 5) Koh Yi Chao	1) Mrs Sim Hwee Inn <a href="mailto:sim_hwee_inn@moe.edu.sg">sim_hwee_inn@moe.edu.sg</a> 2) Ang Chip Pin <a href="mailto:ang_chip_pin@moe.edu.sg">ang_chip_pin@moe.edu.sg</a>
10	<b>Bronze</b> Environmentally Friendly	Woodlands Ring Sec	B1 Loc B1-12	Effect of water sports on reservoir water	1) Amos Seet 2) Karen Chew 3) Janis Nah 4) Lee Si Hui	1) Mr Chong Jack Sheng <a href="mailto:Chong_jack_sheng@moe.edu.sg">Chong_jack_sheng@moe.edu.sg</a>
11	<b>Bronze</b> Environmentally Friendly	Bowen Secondary	B2 Loc B2-02	Production of methane gas from organic waste	1) Kartik Gayan 2) Ang Kang Li 3) Chen Yu Xin 4) Tan Rui Boon 5) Yan Ting Zhe	1) Mr Chan Khai Mun <a href="mailto:chan_kai_mun@moe.edu.sg">chan_kai_mun@moe.edu.sg</a> 2) Mr Mohd Farid <a href="mailto:mohd_farid_b_mohamad@moe.edu.sg">mohd_farid_b_mohamad@moe.edu.sg</a>

## PROJECTS RESULTS OF 11TH ELEMENTZ CONFERENCE & EXHIBITION

Bronze results continue

No	Results	School	Group & Exhibit No Location	Title of Project	Project students names	Name of teacher mentor or mentor from higher institutions Email and contact no.
12	<b>Bronze</b> Environmentally Friendly	Christ Church Sec Sch	B2 Loc B2-03	Making of organic pesticides	1) Diana Sangari d/o Jayakum 2) Durga Devi d/o Mohan 3) Goh Yan Lin 4) Seow Alyssa 5) Terence Jayakumar	1) Puah Mui Kiang <a href="mailto:puah_mui_kiang@moe.edu.sg">puah_mui_kiang@moe.edu.sg</a>
13	<b>Bronze</b> Environmentally Friendly	Deyi Secondary Sch	B2 Loc B2-04	Microbial activity in different food processes	1) Karen Ho Xian Xi 2) Lee An Hui 3) Lim Woon Ching 4) Low Fang Rui 5) Wendy Teo Yumin	1) Miss Yuvarani Ganapathy <a href="mailto:yuvarani_ganapathy@moe.edu.sg">yuvarani_ganapathy@moe.edu.sg</a> 2) Mrs Sim Hwee Inn <a href="mailto:sim_hwee_inn@moe.edu.sg">sim_hwee_inn@moe.edu.sg</a> 3) Miss Joanna Tan <a href="mailto:tan_ee_na_ioanna@moe.edu.sg">tan_ee_na_ioanna@moe.edu.sg</a>
14	<b>Bronze</b> Enterprising & Entrepreneurial	Christ Church Sec	C1 Loc C1-02	Solar box cooker	1) Leow Si Ying Isabella 2) Shi Jin wan 3) Syaiah Balqis bte Osni 4) Tan Yi Shuang 5) Shannon See Shen Ren	1) Seah Lin Kiat <a href="mailto:seah_lin_kiat@moe.edu.sg">seah_lin_kiat@moe.edu.sg</a>
15	<b>Bronze</b> Enterprising & Entrepreneurial	Fuchun Sec Sch	C1 Loc C1-04	Deep heat packs	1) Kelvin Neo 2) Sim Rong Sheng 3) Lim Cher Phang 4) Chua Boon Seng	1) Mr Tan Jin Poh <a href="mailto:tan_jin_poh@moe.edu.sg">tan_jin_poh@moe.edu.sg</a>
16	<b>Bronze</b> Enterprising & Entrepreneurial	Fuchun Sec Sch	C1 Loc C1-05	Green tea astringent toner	1) Md Raihal bin Rahim 2) Md Nazree bin Jabar 3) Md Hazmi bin Isnin 4) Sharul	1) Mr Tan Jin Poh <a href="mailto:tan_jin_poh@moe.edu.sg">tan_jin_poh@moe.edu.sg</a>
17	<b>Bronze</b> Enterprising & Entrepreneurial	Fuchun Sec Sch	C1 Loc C1-06	Herbal dermatitis relief cream	1) Md Nazmi B Mohamed 2) Md Halif b Kamaruddin 3) Hamizam bin Ismail 4) Md Hadi binSazali	1) Mr Tan Jin Poh <a href="mailto:tan_jin_poh@moe.edu.sg">tan_jin_poh@moe.edu.sg</a>
18	<b>Bronze</b> Enterprising & Entrepreneurial	Fuchun Sec Sch	C2 Loc C2-04	Organic exfoliating scrub	1) Md Habibullah 2) Md Saiful-Din b Man 3) Glenn Gerard Gomez 4) Noor 'Adilah bte Roslin	1) Mr Tan Jin Poh <a href="mailto:tan_jin_poh@moe.edu.sg">tan_jin_poh@moe.edu.sg</a>
19	<b>Bronze</b> Enterprising & Entrepreneurial	Fuchun Sec Sch	C2 Loc C2-05	Hair gel with temporary colour	1) Nur Ireen bte Sidek 2) Syazwani bte Abu Hasan 3) Aziemah bte Abdul Hamid 4) Norzila bte Rahim	1) Mr Tan Jin Poh <a href="mailto:tan_jin_poh@moe.edu.sg">tan_jin_poh@moe.edu.sg</a>
20	<b>Bronze</b> Enterprising & Entrepreneurial	Sembawang Sec Sch	C2 Loc C2-07	Surface area and shape: Does it affect parachutes?	1) Abdullah Faiz Jumahat 2) James Brian Woo Wen Hui 3) Muhammad Saliyusri Muhd 4) Muhammad Taufiq Idris 5) Siti Aindinna Rooslee	1) Ms Anna Low <a href="mailto:low_cheng_gek@moe.edu.sg">low_cheng_gek@moe.edu.sg</a>
21	<b>Bronze</b> Enterprising & Entrepreneurial	Xinmin Sec Sch	C2 Loc C2-10	C-realistic	1) Serene Tan Sin Yi 2) Cassandra See Wei Xian	1) Mr Kevin Chan <a href="mailto:chan_choong_hon@moe.edu.sg">chan_choong_hon@moe.edu.sg</a>

PROJECTS RESULTS OF 11TH ELEMENTZ CONFERENCE & EXHIBITION

SPECIAL MENTION IN DISPLAY

No	Results	School	Group & Exhibit No Location	Title of Project	Project students names	Name of teacher mentor or mentor from higher institutions Email and contact no.
1	Special Mention in Display Innovative & Creative	Deyi secondary	A1 Loc A1-08	Secret messages	1) Peh Pei Sheng 2) Chen Yi Ping 3) Eugene Tan 4) Lin Hai Rui	1) Mrs Herlina Yusoff <a href="mailto:herlina_abdullah@moe.edu.sg">herlina_abdullah@moe.edu.sg</a> 1) Mr Brian Wong <a href="mailto:brian_wong_chin_choong@moe.edu.sg">brian_wong_chin_choong@moe.edu.sg</a>
2	Special Mention in Display Innovative & Creative	Maris Stella High Sch	A1 Loc A1-10	Flight Dynamics of a kite	1) Wong Kian Shiong 2) Moses Thien Zhi Hao 3) Justin Tay Xue Hui 4) Tan Jun Xi	1) Mr Ganesh <a href="mailto:ganesh_jaga_daseen@moe.edu.sg">ganesh_jaga_daseen@moe.edu.sg</a>
3	Special Mention in Display Innovative & Creative	Ang Mo Kio Secondary	A2 Loc A2-03	Hamster Aromatherapy	1) Angeline Ang 2) Jeslin Toh Jie Ning 3) Jessica Lim Si Jia 4) Cecilia Neo Sze Hwee 5) Veronica Tan	1) Mr Soh Weng Hon <a href="mailto:soh_weng_hon@moe.edu.sg">soh_weng_hon@moe.edu.sg</a>
4	Special Mention in Display Innovative & Creative	Admiralty Secondary	A2 Loc A2-04	All in 1 toothbrush	1) Pa Vong Vichet 2) Benjamin Choo Jing Hao 3) Christian Russel Teo 4) Sherwin Ong Siang Kiat 5) Lim Shu Yi Iris	1) Mrs Carol Goh <a href="mailto:Tan_Chuen_Wei@moe.edu.sg">Tan_Chuen_Wei@moe.edu.sg</a> 2) Miss Joy Wong <a href="mailto:wong_kah_wan@moe.edu.sg">wong_kah_wan@moe.edu.sg</a> 3) Mr Wee
5	Special Mention in Display Environmentally Friendly	Bowen Secondary	B1 Loc B1-02	Polyunsaturated cooking oils	1) Eugenia Tan Pei Shan 2) Seet Zi Wei 3) Pearlyn Chia Pei Shan 4) Jennifer 5) Lim Su Xin	1) Mr Chan Kam Poo <a href="mailto:chan_kam_poo@moe.edu.sg">chan_kam_poo@moe.edu.sg</a> 2) Ng Wah Kian <a href="mailto:ng_wah_kian@moe.edu.sg">ng_wah_kian@moe.edu.sg</a>
6	Special Mention in Display Environmentally Friendly	Ang Mo Kio Sec	B2 Loc B2-01	Improvization of styrofoam	1) Koh Fei Yuan Louisa 2) Chan Ruey Chyi 3) Kimberlyn See 4) Miki Hirayama 5) Cassandra Too	1) Mr Soh Weng Hon <a href="mailto:soh_weng_hon@moe.edu.sg">soh_weng_hon@moe.edu.sg</a>
7	Special Mention in Display Enterprising & Entrepreneurial	Deyi Sec Sch	C1 Loc C1-03	Reduce tension and pressure	1) Jasmine Ang 2) Ng Bei Yi 3) Loo Wen Theng	1) Mrs Herlina Yusoff <a href="mailto:herlina_abdullah@moe.edu.sg">herlina_abdullah@moe.edu.sg</a> 2) Mr Brian Wong <a href="mailto:brian_wong_chin_choon@moe.edu.sg">brian_wong_chin_choon@moe.edu.sg</a>

**PROJECTS RESULTS OF 11TH ELEMENTZ CONFERENCE & EXHIBITION**

**SPECIAL MENTION IN REPORT WRITING**

No	Results	School	Group & Exhibit No Location	Title of Project	Project students names	Name of teacher mentor or mentor from higher institutions Email and contact no.
1	Special Mention in Report Writing Innovative & Creative	Seng Kang Secondary	A1 Loc A1-11	Investigation the aromatic properties of Michelia Champaka.	1) M. Shafik 2) Desmond Loke Jian Wen 3) Gary Tham Wei Qian	1) Mr P Selvarasoo <a href="mailto:p_selvarasoo@moe.edu.sg">p_selvarasoo@moe.edu.sg</a> 2) Mrs Suresh <a href="mailto:su.iatha.mahalingam@moe.edu.sg">su.iatha.mahalingam@moe.edu.sg</a>
2	Special Mention in Report Writing Innovative & Creative	Xin Min Secondary	A1 Loc A1-14	Morning mess no more	1) Song Yu Chuan 2) Kevin Ong Zheng Wei	1) Mr Kevin Chan <a href="mailto:chan_choong_hon_kevin@moe.edu.sg">chan_choong_hon_kevin@moe.edu.sg</a>
3	Special Mention in Report Writing Innovative & Creative	Bowen Secondary	A2 Loc A2-05	Century Eggs	1) Lee Yu Ling Jean 2) Leong En-Hui 3) Wong Xi Mei Cheryl 4) Lau Kia Yong 5) Tan Yen Hong Eugene	1) Mrs Marlina Azlan <a href="mailto:hajjah_marlina_kumar@moe.edu.sg">hajjah_marlina_kumar@moe.edu.sg</a> 2) Mrs Chan Sik Ming <a href="mailto:tan_qui_lin@moe.edu.sg">tan_qui_lin@moe.edu.sg</a>
4	Special Mention in Report Writing Innovative & Creative	Hougang Secondary	A2 Loc A2-09	Second Boot	1) Wong Jerome 2) Ong Chin Kheng 3) Ee Hong Cherh 4) Yu Jia Wen 5) Shaun Yeong	1) Mr Chong Swee Phan <a href="mailto:chong_swee_phan@moe.edu.sg">chong_swee_phan@moe.edu.sg</a>
5	Special Mention in Report Writing Environmentally Friendly	Sembawang Sec Sch	B1 Loc B1-09	To determine if the acidity of vehicle exhaust is affected by the type of fuel used.	1) Efasha Ble Kamarudin 2) Lim Hui Ting , Theresa 3) Wong Yu Ling 4) Yeo Elizabeth 5) Liow Meen Yi	1) Mrs Ding Ying Jye <a href="mailto:ding_ying_je@moe.edu.sg">ding_ying_je@moe.edu.sg</a>
6	Special Mention in Report writing Environmentally Friendly	Sembawang Sec Sch	B2 Loc B2-08	Thigmonastic response in Mimosa Pudica	1) Ng Chin Chien Aloysius 2) Kong Kah Wah 3) Sim Yi Ming Nicholas 4) Lim Wenny 5) Loh Shi Mei	1) Miss Ding Ying Jye <a href="mailto:ding_ying_je@moe.edu.sg">ding_ying_je@moe.edu.sg</a>
7	Special Mention in Report Writing Enterprising & Entrepreneurial	North View Sec Sch	C1 Loc C1-07	Alternative to cooking oil	1) Teo Chee How 2) Tan Chih Yong 3) Shan Meng Qing 4) Chin Jia Wei 5) Ong Chin Xiang	1) Mr Chew Fah San <a href="mailto:chew_fah_san@moe.edu.sg">chew_fah_san@moe.edu.sg</a>
8	Special Mention in Report Writing Enterprising & Entrepreneurial	Deyi Sec Sch	C2 Loc C2-02	Toilet bowl plastic	1) Joel Ong 2) Ko Zhan Hua 3) Crosby Teo 4) Stanley Sim 5) Sean Chew	1) Mrs Herlina Yusof <a href="mailto:herlina_abdullah@moe.edu.sg">herlina_abdullah@moe.edu.sg</a> 2) Brian Wong <a href="mailto:brian_wong_chin_choong@moe.edu.sg">brian_wong_chin_choong@moe.edu.sg</a>

**PROJECTS RESULTS OF 11TH ELEMENTZ CONFERENCE & EXHIBITION**

**SPECIAL MENTION IN ORAL PRESENTATION**

No	Results	School	Group & Exhibit No Location	Title of Project	Project students names	Name of teacher mentor or mentor from higher institutions Email and contact no.
1	Special Mention in Oral Presentation	Serangoon Garden Sec	A1 Loc A1-12	Fire extinguisher for temporary use around the home or school	1) Saranya d/o Tamilselvan 2) Shona Suthendran 3) Elizabeth Rathi Mohan 4) Joann Christopher	1) Mdm Sabaratnam <a href="mailto:sabaratnam_mathnavalli@moe.edu.sg">sabaratnam_mathnavalli@moe.edu.sg</a>
2	Special Mention in Oral Presentation	Xin Min Secondary	A1 Loc A1-15	Soldier tracking system	1) Michelle Mak May Yan 2) Stella Ling Xin Ying	1) Mr Choo Yong Guan <a href="mailto:choo_yong_guan@moe.edu.sg">choo_yong_guan@moe.edu.sg</a>
3	Special Mention in Oral Presentation	Anderson Secondary	A2 Loc A2-01	Healthy chocolate	1) Rachabatuni Chaitanya 2) Anson Ong 3) Leong Jun Jie 4) Phillip Ng 5) Arkar Kyaw	1) Miss Eileen Chia <a href="mailto:chia_koon_lui_eileen@moe.edu.sg">chia_koon_lui_eileen@moe.edu.sg</a>
4	Special Mention in Oral Presentation	Xinmin Secondary	A2 Loc A2-14	Crime Buster	1) Shaphan Ng 2) Pai Hong Yao	1) Mr Choo Yong Guan <a href="mailto:choo_yong_guan@moe.edu.sg">choo_yong_guan@moe.edu.sg</a>
5	Special Mention in Oral Presentation Environmentally Friendly	Maris Stella High Sch	B1 LocB1-05	Corrosive effect of seawater on metals	1) Tan Zhi Qiang, Alvin 2) Tan Zhen Fa, Eric 3) Tan Zhi Guo, John 4) Tang Ling Ken	1) Mr Ganesh <a href="mailto:ganesh_iaga_dasen@moe.edu.sg">ganesh_iaga_dasen@moe.edu.sg</a>
6	Special Mention in Oral Presentation Environmentally Friendly	Maris Stella High Sch	B2 Loc B2 -05	Research on the flight dynamics of boomerangs.	1) Toh Yi Cong 2) Woon Zhong Yu 3) Yang Wei Jie 4) Macus Yap	1) Mr Ganesh <a href="mailto:danesh_iaga_dasen@moe.edu.sg">danesh_iaga_dasen@moe.edu.sg</a>
7	Special Mention in Oral Presentation Enterprising & Entrepreneurial	Xinmin Sec Sch	C1 Loc C1-10	Eye 41	1) Ru Mohan 2) Pang Long 3) Kang Jin 4) Mehul Mangalvedhekar	1) Mrs Sundraraj <a href="mailto:ielena_sundraraj@moe.edu.sg">ielena_sundraraj@moe.edu.sg</a>
8	Special Mention in Oral Presentation Enterprising & Entrepreneurial	Deyi Sec Sch	C2 Loc C2-03	The window cleaner	1) Zhang Lin 2) Bickram 3) Kenneth 4) Leonard	1) Mrs Herlina Yusof <a href="mailto:herlina_abdullah@moe.edu.sg">herlina_abdullah@moe.edu.sg</a> 2) Brian Wong <a href="mailto:brian_wong_chin_choong@moe.edu.sg">brian_wong_chin_choong@moe.edu.sg</a>