

We Congratulate Winners of **Green Wave** Environment Competition 2005



"Opportunities like the Green Wave Environmental Care Project provide an invaluable experience for our young people. I applaud Sembawang Shipyards for engaging the youth in their green efforts. It is through such projects that our young people learn to better appreciate our collective responsibility for the environment, and influence their peers to care for and protect the environment."

Dr Vivian Balakrishnan, Minister for Community Development, Youth and Sports, and Second Minister for Trade and Industry



"Our environment outreach programme, Green Wave is now in its third year of inception. We are very encouraged by the keen enthusiastic interest and participation from all sectors of the community, in particular, our student population, their teachers, tertiary institutions, governmental and environmental bodies. Each year, we see more of such well thought-out and innovative ideas on environmental conservation and protection from our students and these in themselves are heartening. We are confident that Green Wave Competition will continue to engage the minds of our young and youths to think creatively on sustainable practices to better the environment for Singapore and our planet."

Mr Ong Poh Kwee, Managing Director, Sembawang Shipyards Pte Ltd

We are pleased to announce the winners of the Green Wave Environment Competition 2005. A total of 43 awards will be presented in today's award ceremony at the Tudor Ballroom, Goodwood Park Hotel, Singapore.

The competition has grown from strength to strength since its launch in January 2003. This year, we received a total of 257 entries compared to 121 in 2004 from the Primary, Secondary, Junior College / Institute of Technical Education / Centralised Institutes and Tertiary levels. The number of participants also increased two folds from 503 in 2004 to 1,012 students in 2005.

We are grateful to Dr Vivian Balakrishnan, Minister for Community Development, Youth and Sports, and Second Minister for Trade and Industry for gracing the award ceremony as our Guest-of-Honour. Our special thanks to our illustrious panel of judges, the Ministry of Education, National Environment Agency, Singapore Environment Council, National Parks Board, National University of Singapore, National Institute of Education, Nanyang Technological University, Principals and Head of Departments for their strong support. We also thank our alliance partners, namely Shell International Trading and Shipping Company Ltd and BP Shipping, the co-sponsors for this competition, for their continued support and encouragement of this meaningful competition.

This year, we are pleased to announce the formation of a distinguished Green Wave Advisory Board and we are confident that Green Wave Competition will greatly benefit from the Board's vision, ideas, knowledge, experience and guidance.

The Green Wave Environment Competition 2006 is now open for registration! We invite all students to participate. Be passionate about our environment! Put on your thinking hats and brainstorm your way to a cleaner, greener earth and win attractive cash prizes in the process! For details, visit www.sembship.com/greenwave.

WINNERS OF GREEN WAVE ENVIRONMENT COMPETITION 2005

PRIMARY LEVEL			SECONDARY LEVEL		
Prizes	Schools / Participants	Projects	Prizes	Schools / Participants	Projects
1 st Prize S\$4,000	Princess Elizabeth Primary School John Toh, Peh Jia Ying, Jazlyn Ho, Tan Wee Kiat, Mandy Kho, Heng Qi Xiang, Tan Wan Kiang, Nur Nadhilah Bte Azman	Flora and fauna of Bukit Batok Nature Park	1 st Prize S\$6,000	Hougang Secondary School Judy Tan, Ang Tze Ting, Leck Nee Huai, Wong Wai San, Joyce Ang	Innovative ways to recycle hairs
2 nd Prize S\$2,000	Kuo Chuan Presbyterian Primary School Bhargav Sri Ganesh	Stagnation-free laundry pole holder	2 nd Prize S\$4,000	Bukit View Secondary School Abdul Hakim Bin Mezan, Peck Jia Jie	Portable solar charger
3 rd Prize S\$1,000	Punggol Primary School Thomas Quek, Toh Woei Ting, Mohd. Hazwan B Ismail, Debbie Goh, Lau Zhen Xiang, Samantha Ho, Raymond Seah, Peh Jing Kai, Alina Ang, Faiqah Nurdiyana Bte Raheenan, Nikko Lew, Ruth Lim	To throw or not to throw?	3 rd Prize S\$2,000	Chong Boon Secondary School Jonathan Ng, Pan Lim Boon Tat, See Toh Lai Kuen	Hydrogen cell, energy of the future
Merit Award S\$500	Anglo-Chinese School (Junior) Ainsley Tham, Janan Tobiah Lim, Shaun Low, Evin Chua	Reusing rainwater	Merit Award S\$1,000	Hwa Chong Institution Kevin Chan, Nicholas Oh, Jackson Ong, Ong Jin Xiang	Recycling canteen waste
	Keming Primary School Ho Ping, Charie Lim, Zhao Qiu Yu	Recycled notebook	Commendation Award S\$500	Raffles Institution Azrin Nazir, Ivan Goh, Lim Kai Xiong, Yang Haojin	Evil Symptoms
	Qihua Primary School Alicia Tay, Esther Lim, Eunice Lim, Audrey Chua, Chua Wan Yee	Being a good pet owner	Encouragement Award S\$200	Raffles Institution Benjamin Low, Samuel Wong, Daniel Goh, Gan Chin Heng	Project NC-16 (Nature conservation 16)
Commendation Award S\$400	Geylang Methodist Primary School 26 Students from school's Environment Club	tRibox		Boon Lay Secondary School Dominic New, Luqmaanul-Hakeem Bin Arrifin, Daniel Sing, Darren Tan	Recycling E-waste
Encouragement Award S\$200	Qihua Primary School Lim Boon Khim, Jonathan Roy s/o Vijayan	The toilet / urinal sink		Greenridge Secondary School Siti Zainab Binte Komari, Nur Nabilah Binte Abdul Ghafar, Muhammad Faizal Bin Alias, Nur Amalina Binte Ruslan, Menakha d/o Armugam	Recycle of jeans
	Anglo-Chinese School (Junior) Jonah Wang	Joy of nature		Raffles Institution Timothy Chow, Ong Woo Han, Shermond Ong, Choo Ee Sin, Gao Guang Yan	Construction of a wind generator
	Anglo-Chinese School (Junior) David Ong, Cheong Kwok Wy, Lek Hao Kai	A caring and compassionate society: The intelligent bus-stop		Tanjong Katong Girls' School Liow Xiao Chun, Ethel Wee, Lynette Leong, Tasia Tan, Jeanette Wee, Joslyn Chew	To explore the feasibility of constructing a mangrove habitat in East Coast Park based on studies of a natural mangrove swamp in Singapore
	Ghim Moh Primary School Zhang Nai Dan, Sun Zhuo, Brandon Wong, Devy Jayanti Setiady	Cleaner discharge water made possible by cooking oil???			
	St. Hilda's Primary School Darren Lee, Clement Chua, Jesse Lai, Chia Xin Wei	Canteen food waste to "vitamins" for plants			
JC / ITE / CI LEVEL			TERTIARY LEVEL		
2 nd Prize S\$5,000	ITE College West (Dover) Maung Than Htike, Christopher Sim, Chua Huixiang, Ong Zhan Hong, Winson Koh, Kung Wei Tai, Richard Ong	Solar and wind powered, clean and clear water Koi-pond	2 nd Prize \$6,000	Singapore Polytechnic Ong Jun Quan, Darren Lim, Tan Guo Chang	Development of a reliable continuous water monitoring system for inland waters
3 rd Prize S\$3,000	ITE College West (Dover) Hean Chao Xiang, Lim Chuen Han, Neo Sheong Wee	Abuse-free EZ use toilet tissue dispenser	3 rd Prize \$4,000	Ngee Ann Polytechnic Ng Bing Rong, Lee Beng Chuan, Neo Boon Kiat	Human powered exercise machine
Merit Award S\$1,000	Nanyang Junior College Farhana Mehnas d/o Haja N, Oei Shu Xian, Sih Wei Sing	The usage of polymer blocks to reduce silt in water discharge		Ngee Ann Polytechnic Jaesen Leo, Stephanie Chan, Jessica Choy	Phytoremediation using ferns: Rapid arsenic removal system
	Anglo-Chinese Junior College Joanne Khew	Cleaning up our soils and waters using plant hyperaccumulators: Which is best?	Merit Award \$1,000	Ngee Ann Polytechnic Shen Luxiang, Cui Lei Lei, Chiew Ming Sheng	Renewable energy fuel cell system
	Catholic Junior College Alfred Chan, Ng Zhong Ming, Derrick Tan, Melissa Low, Dax Lau, Meryline Lie	Wormi vermi	Encouragement Award S\$200	National University of Singapore Ang Wei Heong, Wong Ker How, Lee Jia Xian	Autonomous dwelling unit
	ITE College West (Ang Mo Kio) Dominic Fun, Sharon Tan	Smart Air Conditioning System		Ngee Ann Polytechnic Klaosamutara Charles, Danny Lim, Muhammad Azhari B Abu Talib	Ozone cooling tower water treatment system
	Nanyang Junior College Leong Sok Fong, Htin Aung	Humic acids in water treatment		Ngee Ann Polytechnic Nargunan s/o Goby, Yon Ek Meng	Smoke free incense burner
Commendation Award S\$500	ITE College West (Dover) Chong Yuen Keat, Ian Hong, Prashanth Kumar	Smart rainwater collector		Ngee Ann Polytechnic William Tan, Lua Chee Haw, Huang Bin	Micro Hydro System
	Nanyang Junior College Erroy Chew, Kelvin Chee	Study of properties of incineration fly ash in ternary blends		Ngee Ann Polytechnic Hon Shi Hao, Zhang Yu Le	Mosquito-proofed flower pot
				Ngee Ann Polytechnic Ng Bing Rong, Lee Beng Chuan, Neo Boon Kiat	Standalone reverse osmosis system
				Temasek Polytechnic Taufan Pratama Kowara, Lim Wann, Lau Jia Yi, Tan Wei Jian, Tey Tai Keat, Khieu Hui Leng, Ng Lenni	Environmental friendly liquid waste treatment
				Singapore Polytechnic Benjamin Tan, Lee Chuen Wen	Designing and fabricating cementitious products with recyclable waste for the construction of a pond cum fountain

There are no 1st prize award for JC/ITE/CI and Tertiary Levels this year. Instead, Merit, Commendation and Encouragement prizes are awarded.



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