

We Congratulate Winners of

GREEN WAVE

Environment Competition 2006



SEMBAWANG SHIPYARD

We are pleased to announce the winners of the Green Wave Environment Competition 2006. A total of 51 awards will be presented in today's award ceremony at the Mandarin Court, Meritus Mandarin Singapore.

In 2006, we received a total of 275 project entries and participation from 1,100 students from Primary, Secondary, Junior College / Institute of Technical Education and Tertiary levels. This is indeed another record year for the competition since its launch in 2003.

We are grateful to Dr Yaacob Ibrahim, Minister for the Environment and Water Resources for gracing the award ceremony as our Guest-of-Honour. Our special thanks and appreciation to the hardworking and dedicated panel of judges, the Ministry of Education, Singapore Environment Council, NParks, National Environment Agency, Housing Development Board of Singapore, Senoko Power, 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 Limited and BP Shipping Limited, the co-sponsors of this competition for their continued support. Special appreciation also goes to the Green Wave Advisory Board for their guidance and vision.

The Green Wave Environment Competition 2007 is now open for registration. We invite all students to put on their thinking caps, look around, think green and create anything that can contribute to environmental conservation efforts locally and globally. You may walk away with attractive cash prizes in the process! For details, visit www.sembship.com/greenwave.



More youths are taking part in the Green Wave Environmental Care Project and I find this heartening.

In engaging our young, we nurture and revitalise a sense of environmental responsibility in future generations.

I applaud Sembawang Shipyard, Shell and BP for helping to enhance environmental awareness and ownership in the community.

Dr Yaacob Ibrahim

Minister for the Environment and Water Resources



Now in its 4th year, we are pleased that our environmental outreach programme, Green Wave, is now a key platform for our students to share their innovative green ideas on sustainable environmental care and protection. This annual competition would not have been successful without the strong support and participation from all sectors of the community, in particular, our student population, their teachers, tertiary institutions, governmental and environmental bodies. We congratulate all winners and thank all participants for making this a challenging and meaningful competition.

Mr Ong Poh Kwee

Managing Director, Sembawang Shipyard Pte Ltd

WINNERS OF GREEN WAVE ENVIRONMENT COMPETITION 2006

PRIMARY LEVEL

PRIZES	SCHOOL	PARTICIPANTS	PROJECTS
1 st Prize \$4,000	Qihua Primary School	Ivy Yeo Sing Ming, Zoey Tay	The water leaker transformer
2 nd Prize \$2,000	Qihua Primary School	Jeslyn Tung Hwee Pin, Serene Wong Qiu Hua, Celestine Khor	The sparkling shoppe
3 rd Prize \$1,000	Ghim Moh Primary School	Ni Yi, Cao Jing Ning	PLUSBG
Merit Awards \$500	St. Michael's Temasek Primary School	Darren Cheong Jin Yuen, Elvin Sim Jian Wen, Donovan Kwok Ji Hao, Daryl Teo Hong Jie, Kwan Jing Yi, Goh Jia Ying, Pang Zhuo Wei	A "Fine" city Saving our green spaces
	Damai Primary School	Sim Jin Leong, Heng Xiang Fei, Neoh Jia En, Tan Ming Hua	Freezer Perfume
	Hong Kah Primary School	Gunjal Dilip Warade, Viren Nandakumar Rao, Ishraq Bin Haider, Illarionov Vladislav, Pai Abhijit Kottachery	Bottles HEART & Fun with recycling
	Hougang Primary School	Joni Lim Xin Yi, Goh Wei Ning, Brandon Tan Zhiming	Life science website
	Nanyang Primary School	Justin Liu Shuang	The ten commendments of the Environment
Encouragement Awards \$200	Anglo-Chinese School (Junior)	Walter Diong Jia Sheng, Scott Darren Khoo Shen Wei, Cavell Lim Shi Xian, Sean Thian Yoon Chang, Andre Wee Rui Ying, Timothy Lim Jun Xiong	Water saver and electricity producer
	CHIJ - Our Lady of Good Counsel Kuo Chuan Presbyterian Primary School	Choo Jia, Lee Qin Zhen, Tiffany Gwee, Caroline Quek	Play more, splash less
	Keming Primary School	Maanasa Sri Ganesh	Colours in covers!!
	Punggol Primary School	Nur Hasinah Bte Handongfiah, Chelsea Lin Si Hui, Yeo Wei Song	Water saver
		Matthew Eng, Tan Kai Yang, Gregory Ler Jun Kai, Samuel See Jia Le, Khoo Xin Hui, Justyn Phoa Zairen, Iryanti Rasman, Elizer Ong De Zhi, Zhao Hong Xun, M. Kaartigha, Mohd Aizam, Evan Quek, Gene Leck, Ho Yong Le, Darryl Goh Chin Han, Gabriel Ho, Koh Tian Seng, Tan Xuan Yun, Fong Kei Sen, Goh Jun Xian, Ong Zheng Jie, Manoj Kumar, Sharnitha Arumugam, Mohamed Hisyam B Ismail, Noah Lee Yong Ler, Quek Yan Hui, Dylan Scott Low Yan Jun, Gerald Ng Xian Wei, Koh Toon Hock, Ng Wen Qi	Tinted bottles: Go Green Punggolite Project (Primary 1s & 2s)

SECONDARY LEVEL

PRIZES	SCHOOL	PARTICIPANTS	PROJECTS
1 st Prize \$6,000	Raffles Institution	Ong Wen Chong, Paul Ng Kwok Yang, Victor Lim Jian Hong, Benjamin Wong Yong Quan	Revolutionising the thorny fruit Recycling Chemicals
2 nd Prize \$4,000	Bukit Panjang Govt High School	Low Hong Wei, Yen Jia Min	Biopapyrus
3 rd Prize \$2,000	Hwa Chong Institution	Ng Mingwei, Chiang Cheng Hsien, Im Zhen Jie, Seah Yi Yuan	enDANGERed by (Wildlife conservers) Reducing air pollution / impurities with our organic air purifier
Merit Awards \$1,000	Raffles Institution	Deshawn Tan Chong Xuan, Leong Wai Sum, Li Yuanwei, Andy Neo Jun Xiang	The harnessing of energy in monsoon drains
	Raffles Girls' School	Os Agarwal, Indera Arun, S. Bhuvanewari, Sorna Rosalind Graetz	An alternative to paper and softboard
	Raffles Institution	Koh Wei Chee, Sia Bing Xi, Lucas Lee Zhi Hao, Yeong Chee Cheen	new AGE
	Hougang Secondary School	Chong Ren Yi, Bryan Tan Si Yuan, Ong Zheng Jie, Ang Xiao Li, Tan Wei Ren, Tan Yu Chuan	The making of a beach survey handbook and planning an ecological tour to Labrador Park Environment: An interactive role-playing game
Commendation Awards \$500	Hwa Chong Institution	Alexander Chan Ho-Young, Desmond Chong Sheng Liang, Cai Yong, Lim Jiawei	Biodiesel as a viable alternative fuel
	Raffles Institution	Li Kexin, Soh Ming Quan, Mark Cheok Jia Rui, Yeo Wee Jin	RV battery (recycled vinegar battery)
	Raffles Institution	Yeong Li Qian, Marcus Tan Zi Liang, Samuel Tho Jun Wei, Dominic Seet Ming Wei, Remus Whang Yi Xiang	Increasing vitamin C content in Bayam plants by using discarded fruits and vegetables
	Hwa Chong Institution	Teo Chao Tong, Ang Jia Jun, Tay Kai-Xian, Sim Shi Xian	Restyle your life: Recycle
Encouragement Awards \$200	Xinmin Secondary School	Song Keang, Seng Sykeath, Tech Chanphearum	Weaving on two wheels - Experience a brand-new feel
	Woodgrove Secondary School	Angeline Kuan Yiwei, Brenda Ang Xiang Mei, Toh Cheng Sian, Nur Hidayah Bte Ariffin, Sharon Wong Hui Sian, Ivan Lim Zheng Yan	Aquarium water self-renewal system
	Raffles Institution	Khoo Seng Teck, Chew Guan Yu, See Yong Feng, Loh Zhi Wen, Benedict Tay Yuan Hong	
	Raffles Institution	Men Yi Fei, Gerald Koh Gao Han, Goh Shih Ee, Tan Weiren, Jasper Wong Chun Yin	
	Yishun Town Secondary School	Chan Hin Hiang, Wang Yanni, Ng Ai Zhi, Lim Liyi	

JUNIOR COLLEGE AND ITE LEVEL

PRIZES	SCHOOL	PARTICIPANTS	PROJECTS
2 nd Prize \$5,000	ITE College West Dover	Fong Tat Choy, Kew Kian Chong	Solar Powered Car Air-Con
3 rd Prize \$3,000	ITE College West Dover	Lew Kee Wan, Li Jun Hao, Lee Tian Xi	Water monitoring device
Merit Awards \$1,000	ITE College West Dover	Wilson Widjijanto, Stuart Tan Tian Phong, Ding Jun Hong	Aquaponics System
	ITE College West Bukit Batok	Ng Kian Wei, Neo Jinhui, May Tay Hui Fang	Self-maintained Eco Garden
	ITE College West Bukit Batok	Yang Wei Hao, Alan Loh Kok Loong	Recycling spent cooking oils
Commendation Awards \$500	ITE College West Dover	Yoong Jian Ru, Chua Zong Yi, Soh Chen Yen, Lu MinQuan	Solar Powered Advertising Board
	ITE College East	Muhammad Shauqi Bin Ibrahim, Muhammad Fathi Bin Kasmadi, Joshua Ching Puay Guan, Muhd Samsul Ariffin Ismail, Tong Jingkai, Navin Joelle	Fish tank auto/ recycle changing system
	Victoria Junior College	Marianne Chin Yu Jie, Samuel Ng Tianci, Nicole Lee Xun Qi, Jasper Tan Jie Peng	Clean air on the go
Encouragement Awards \$200	Serangoon Junior College	Lit Pei Wen, Nurashyura Bte Ishak	Overhaul of Singapore's recycling industry
	Nanyang Junior College	Ang Xiang Ling, Chai Chia Leng	Trace elemental analyses of water spinach (Ipomoea aquatica)
	Nanyang Junior College		Trace elemental analyses of local watercress (Nasturtium Officinale)

TERTIARY LEVEL

PRIZES	SCHOOL	PARTICIPANTS	PROJECTS
1 st Prize \$10,000	Ngee Ann Polytechnic	Goo Chee Tiong, Nguyen Son Tung	Water management system
2 nd Prize \$6,000	Singapore Polytechnic	Augustine Ashley Santhanam, Thong Jie Ying, Ho Chia Yen	Maintenance free solar irrigation system for gardens
3 rd Prize \$4,000	National University of Singapore	Anbarasi Boopal	Conserving banded leaf monkeys in Singapore: Exploring possibilities
Merit Awards \$1,000	Ngee Ann Polytechnic	Marhayah Binte Jamaluddin, Desmond Choo Zhi Yuan	Enhanced water broom
	Singapore Polytechnic	Ang Kay Khim, Lim Boon Teck, Ivan Tay Chin Boon	Mosquito free roof gutter
Commendation Awards \$500	Nanyang Technological University	Vu Thu Trang, Huang He	Conversion of food waste to energy
	Temasek Polytechnic	Aldwin Su Duwen, Yip Yong Seng, Lina Hee Zhen Zhen	Paper Multiplier
Encouragement Awards \$200	Temasek Polytechnic	Varinder Singh Bal, Toh Yi Da	Recycling of used cooking oil to make soap
	Ngee Ann Polytechnic	Benedict Quah Chin Teck, Keith Fong Ri Sheng, Eugene Ng Pei Yong, Lim Wei Jin	Carbon dioxide removals from car exhaust gas
	Ngee Ann Polytechnic	Shafiq Bin Sanip, Soe Min Htet, Brian Seah Chin Leong	Fuel cell powered grass cutter

There is no 1st Prize for Junior College and ITE level. Instead, Merit, Commendation and Encouragement prizes are awarded.

The 1st prize in the Tertiary category is jointly sponsored by Shell International Trading and Shipping Company Limited and Sembawang Shipyard, and includes a one-month attachment to a Shell affiliate company.



www.sembship.com/greenwave

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