

# Singapore Mathematical Olympiad 2005

*A report by*  
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The Singapore Mathematical Society (SMS) has organised the Singapore Mathematical Olympiad (SMO) annually since the 1950s. It is the largest and oldest mathematics competition in Singapore. Over the last few years, with the Department of Mathematics, National University of Singapore as co-organizer, the SMO has expanded significantly. In June 2005, 8588 students from 129 secondary schools and junior colleges took part in the SMO. This is an increase of almost 1200 students and four more schools compared to last year.

The details of the three competitions are as follows:

1. The Singapore Mathematical Olympiad (Junior Section) for lower secondary school student.
2. The Singapore Mathematical Olympiad (Senior Section) for all secondary school students.
3. The Singapore Mathematical Olympiad (Open Section) for secondary school and junior college students.

Team and Individual cash prizes are awarded in addition to Gold, Silver, Bronze and Honourable Mention awards. We aim to make the SMO measure the mathematical proficiency of the students, and the Gold, Silver, Bronze and Honourable Mention certificates are awarded to students who meet set criteria that are dependent on the level of difficulty of the competition.

The Prize Presentation Ceremony was held at Nanyang Girls' High School on Saturday 3 September 2005. The Guest of Honour was LG (NS) Lim Chuan Poh, Permanent Secretary, Ministry of Education.

The competitions were partially supported by a financial grant from the Ministry of Education.

## **The Mathematical Competition Subcommittee consisted of**

A/P Helmer Aslaksen (Chairman), Mr Hang Kim Hoo (Deputy Chairman), A/P Yang Yue (Junior Section Coordinator), A/P To Wing Keung (Senior Section Coordinator), A/P Tay Tiong Seng (Open Section Coordinator), Ms Chan Lai Chee (Operations Coordinator), Mr Melvin Soh (IT Coordinator), A/P Chew Tuan Seng, A/P Leung Ka Hin, Dr Roger Poh, Mr Ng Wee Seng, Dr Tan Ban Pin, Dr Toh Tin Lam, Dr Lee Tuo Yeong, Mr Ho Foo Him (Temasek Junior College), A/P Denny Leung Ho-Hon, Dr Wong Yan Loi, Dr Roger Poh, Dr Teo Kok Ming, A/P Tan Kai Meng, Dr Tay Eng Guan, Dr Dong Feng Ming, Dr Ng Wee Ling.

## SMO 2005 Team Results

### Junior Section

Rank	School
1	Hwa Chong Institution
1	Raffles Institution
3	Raffles Girls' School (Secondary)
4	NUS High School of Mathematics and Science
5	Anderson Secondary School
5	Nanyang Girls' High School
5	Victoria School
8	Bukit Panjang Govt High School
9	Catholic High School
9	Dunman High School
11	Anglo-Chinese School (Independent)
11	St Joseph's Institution
13	Commonwealth Secondary School
14	River Valley High School
14	Xinmin Secondary School
16	Chung Cheng High School (Yishun)
16	Methodist Girls' School
18	CHIJ St Nicholas Girls' School
18	Nan Chiau High School
20	Crescent Girls' School
20	Nan Hua Secondary School

### Senior Section

Rank	School
1	Hwa Chong Institution
2	Raffles Institution
3	Dunman High School
4	Nanyang Girls' High School
5	Crescent Girls' School
5	Raffles Girls' School (Secondary)
7	Anglo-Chinese School (Independent)
8	Anderson Secondary School
9	Chung Cheng High School (Main)
10	Cedar Girls' Secondary School
11	Catholic High School
12	River Valley High School
13	Victoria School
14	Anglican High School
15	Xinmin Secondary School
16	NUS High School of Mathematics and Science
16	St Joseph's Institution
18	Singapore Chinese Girls' School
19	Commonwealth Secondary School
20	CHIJ Secondary (Toa Payoh)
20	CHIJ St Nicholas Girls' School

### Open Section

Rank	School
1	Hwa Chong Institution
2	Raffles Junior College
3	Raffles Institution
4	Anglo-Chinese Junior College
5	Victoria Junior College
6	Anglo-Chinese School (Independent)
7	Anglican High School
8	River Valley High School
8	St Andrew's Junior College
8	Temasek Junior College

## SMO 2005 Individual Results

### Junior Section (Top 30)

Rank	Name	School Name
1	Choo Jiaguang	Hwa Chong Institution
2	Chiam Jia-Han	Raffles Institution
3	Tan Zek Gian	Raffles Girls' School (Secondary)
4	Lu Yongquan	Hwa Chong Institution
5	Gabriel Wong Ying Lin	NUS High School of Mathematics and Science
5	Vincent Brian Arifin Tjeng	Raffles Institution
7	Tang Huiyao	Raffles Institution
8	Liew Xiao Tian	Raffles Girls' School (Secondary)
8	Kung Ying Xiang	Raffles Institution
10	Ang Zhe Wei Jeremy	Hwa Chong Institution
10	Hu Yijie	Raffles Institution
12	Hang Liting	Nanyang Girls' High School
12	Goh Jun Le	NUS High School of Mathematics and Science
12	Tng Jia Hao Barry	Raffles Institution
12	Xiao Xiao	Raffles Institution
16	Khu Boon Hou Derek	Hwa Chong Institution
16	Lee Jun Jie Jonathan	Hwa Chong Institution
16	Long Shihuan Valencia	Raffles Girls' School (Secondary)
16	Quek Keng Yong	Raffles Institution
16	Yuen Sheung Man	Victoria School
21	Low Tian Wen Daniel	Anderson Secondary School
21	Sng Weicong	Chung Cheng High School (Yishun)
21	Sia Jia Rui Jeremy	Raffles Institution
24	Kuek Shao Ning	Bukit Panjang Govt High School
24	Lim Hwa Pheng	Hwa Chong Institution
24	Adhitya Sekhar	NUS High School of Mathematics and Science
24	Leon Lim Zhi Yang	NUS High School of Mathematics and Science
24	Tiong Boon Kee Aaron	Raffles Institution
29	Neo Yue Zheng	Raffles Institution
29	Kim Jun Hyuk	Suzhou Singapore International School

**SMO 2005 Individual Results**

**Senior Section (Top 30)**

Rank	Name	School Name
1	Hang Hao Chuien	Hwa Chong Institution
2	Chen Xi	Raffles Institution
3	Li Shunji	Raffles Institution
4	Bryan Hooi Kuen-Yew	Anglo-Chinese School (Independent)
5	Wang Shujing	Raffles Girls' School (Secondary)
6	Wu Biao	Dunman High School
7	Lim Wei Quan	Hwa Chong Institution
8	Lin Mingyan Simon	Chung Cheng High School (Main)
8	Li Ke	Dunman High School
8	Liu Shuo	Dunman High School
8	Wang Lu	Nanyang Girls' High School
8	Miao Hongjiang	Victoria School
13	Bi Ning	Crescent Girls' School
13	Wang Huasheng	Hwa Chong Institution
13	Xu Qian	River Valley High School
16	Dai Zhonghuan	Hwa Chong Institution
16	Loke Gar Goei	Raffles Institution
16	Ying Wenchen	Raffles Institution
19	Zhao Xiao	Anglican High School
19	Mao Ting	Dunman High School
19	Peng Di	Raffles Institution
22	Dong Mingyi	Cedar Girls' Secondary School
22	Ding Xiaoqing	Crescent Girls' School
22	Chong Zhikang	Dunman High School
22	Zhang Hao Xing	Dunman High School
22	Tang Yaming	Raffles Institution
27	Liu Ye	Dunman High School
27	Yeo Zheng Hang	Hwa Chong Institution
29	Zhu Yechao	Hwa Chong Institution
29	Tan Chen	Raffles Institution

**Open Section (Top 26)**

Rank	Name	School Name
1	Kenneth Tay	Anglo-Chinese Junior College
2	Wang Tengyao	Hwa Chong Institution
3	Sia Jia Min Charmaine	Raffles Junior College
4	Hoang Trong Minh Vi	Victoria Junior College
5	Sun Chengbin	Raffles Institution
5	Soh Yong Sheng	Raffles Junior College
7	Chen Xi	Raffles Institution
8	Tian Ming Wei	Anglican High School
9	Ho Jun Feng Jack	Hwa Chong Institution
10	Wang Yifeng	Hwa Chong Institution
11	Tran Quang Thach	Anglo-Chinese Junior College
11	Yang Hongbin	Catholic High School
11	Hang Hao Chuien	Hwa Chong Institution
14	Long Xueping	Raffles Institution
14	Wang Chen	St Andrew's Junior College
16	Shi Zhiming	Hwa Chong Institution
16	Chen Niangjun	Maris Stella High School
16	Chu Ni Hong	Raffles Junior College
19	Li Xiyue	Hwa Chong Institution
19	Lu Xin	Hwa Chong Institution
19	Zhang Denan	Hwa Chong Institution
19	Li Shunji	Raffles Institution
19	Chen Yin	Raffles Junior College
19	Wu Jia Wei	Raffles Junior College
19	Zhao Yan	Raffles Junior College
19	Nguyen Tri Hung	Victoria Junior College