

# A REPORT ON MATHEMATICAL OLYMPIADS '99

In June and July 1999, the Singapore Mathematical Society, jointly with the Department of Mathematics, National University of Singapore, organised the Singapore Secondary School Mathematical Olympiad (SSSMO), Junior and Senior Sections) and the Singapore Mathematical Olympiad (SMO). Altogether 7093 students from 108 secondary schools and JCs participated in these competitions (some of these participants represented SINDA, in addition, there was one primary school pupil who entered as an individual).

In these competitions, roughly the top 5% of the participants were awarded Gold Certificates, the next 5% Silver Certificates, the next 10% Bronze Certificates. The remaining participants all received Certificates of Participation.

In addition, team prizes and individual prizes were given out. The team ranking was based on the aggregate of the top three scores from each school (for the SSSMO Senior Section, only Round 1 scores were used). For the SSSMO Senior Section, the total of Round 1 and Special Round scores was used for the individual ranking.

This year, Special Team Prizes, based on the aggregate of the top three scores of Normal Stream students from each school, were given out.

All team and individual winners received their prizes from Guest-of-Honour RADM Teo Chee Hean, Minister for Education and Second Minister for Defence, at the Prize Presentation Ceremony held on Oct 2, 1999 at NUS.

Top team and individual winners also received book prizes and sets of TI-92 graphing calculators sponsored by Springer-Verlag Singapore Pte Ltd and Texas Instruments Singapore Pte Ltd, respectively.

The list of prize winners is appended.

Also at the Prize Presentation Ceremony, the Singapore Mathematical Society gave a special token of appreciation and commendation to the Singapore National Team which won 4 Bronze Medals in the International Mathematical Olympiad this year in Bucharest, Romania. The team members are

Lin Shaowei	(Raffles JC)	Bronze Medal
Hue Yousi, Daniel	(Raffles JC)	Bronze Medal
Lim Yin	(Victoria JC)	Bronze Medal
Soh Chong Kian	(Raffles JC)	Bronze Medal
Kwa Chin Lum	(Raffles JC)	
Lu Shangyi	(Raffles JC)	

The Singapore Mathematical Society would like to thank

- (i) RADM Teo Chee Hean, Minister for Education and Second Minister for Defence, for being the Guest-of-Honour at the Prize Presentation Ceremony;
- (ii) the Lee Foundation and the Ministry of Education for financial sponsorship;
- (iii) Springer-Verlag Singapore Pte Ltd and Texas Instruments Singapore Pte Ltd for sponsoring part of the prizes;
- (iv) the following schools which served as Competition Centres:

Anderson Secondary School
Ang Mo Kio Secondary School
Anglo-Chinese School (Independent)
Buona Vista Secondary School
Catholic High School
CHIJ St Nicholas Girls' School (Secondary)
Fuchun Secondary School
Hwa Chong Junior College
Manjusri Secondary School
Ngee Ann Secondary School
River Valley High School
St Joseph's Institution
Swiss Cottage Secondary School
Xinmin Secondary School

- (v) the NUS Mathematics Society for providing manpower support,
- (vi) principals and teachers of all participating schools for support.

# ACKNOWLEDGEMENTS

# Singapore Mathematical Society MATHEMATICAL OLYMPIADS

## Prize Winners '99



Singapore Secondary School  
MATHEMATICAL OLYMPIAD  
( Junior Section )

### I. TEAM PRIZES

POSITION	SCHOOL
1	Anglo-Chinese School (Independent) <b>Winner of the Singapore Mathematical Society Challenge Trophy</b>
2	Raffles Institution
3	The Chinese High School
4	Dunman High School
5	Raffles Girls' School (Secondary)
5	River Valley High School
7	Nanyang Girls' High School
8	Anderson Secondary School
8	Bukit Panjang Government High School
10	Catholic High School
11	Maris Stella High School
11	Zhonghua Secondary School
13	Nan Hua Secondary School
13	Xinmin Secondary School
15	Methodist Girls' School (Secondary)
15	Temasek Secondary School
17	Anglican High School
17	Chung Cheng High School (Main)
17	Commonwealth Secondary School

POSITION SCHOOL

II. SPECIAL TEAM PRIZES (Normal Stream)

1	MacPherson Secondary School
2	Ang Mo Kio Secondary School
3	Buona Vista Secondary School
3	Tanglin Secondary School

POSITION COMPETITOR

SCHOOL

III. INDIVIDUAL PRIZES

1	Leung Ngai-hang Zachary <b>Winner of Liew Mai Heng Memorial Prize (Junior Section)</b>	(Anglo-Chinese School (Independent))
2	Tay Wei En Joel	(Anglo-Chinese School (Independent))
3	Zhao Ziqing	(Anglo-Chinese School (Independent))
4	Lau Swee Theng Celestine	(Raffles Institution)
5	Lim Yu Xian	(Raffles Institution)
5	Tan Shin Eik	(Raffles Institution)
5	Tan Weiyu Colin	(Raffles Institution)
8	Tan Guang Yuan Gideon Jon	(Raffles Institution)
8	Xu Peng Lai	(Anglo-Chinese School (Independent))
10	Kueh Ju Lui Andre	(Individual)
10	Meng Da Zhe	(River Valley High School)
10	Shao Linglun	(Nanyang Girls' High School)
10	Yek Jia Jin Justin	(Raffles Institution)
14	He Ruijie	(Dunman High School)
14	Lan Jiaming Joseph	(The Chinese High School)
14	Lim Tse Yang	(Raffles Institution)
14	Thiang Guo Chuan	(Raffles Institution)
18	Chen Sihui Sylvia	(Raffles Girls' School (Secondary))
18	Huang Wei Xin	(The Chinese High School)
18	Lee Min Wai Serene	(Raffles Girls' School (Secondary))
18	Lin Po-fu	(The Chinese High School)
18	Ong Chin Siang	(Raffles Institution)
18	Soh Dewen	(Dunman High School)
18	Tng Eng Kiat	(Raffles Institution)
18	Yao Lu	(River Valley High School)



# — SMO 1999 —

## Singapore Secondary School MATHEMATICAL OLYMPIAD ( Senior Section )

### I. TEAM PRIZES

POSITION	SCHOOL
1	The Chinese High School <b>Winner of the Singapore National Academy of Science Challenge Shield</b>
2	River Valley High School
3	Raffles Institution
4	Nanyang Girls' High School
5	Bukit Panjang Government High School
6	Anglican High School
6	Dunman High School
8	Anglo-Chinese School (Independent)
9	Commonwealth Secondary School
10	CHIJ Secondary School (Toa Payoh)
11	Raffles Girls' School (Secondary)
12	CHIJ St Nicholas Girls' School (Secondary)
12	Chung Cheng High School (Main)
14	Catholic High School
15	Cedar Girls' Secondary School
15	Methodist Girls' School (Secondary)
17	Manjusri Secondary School
18	Anderson Secondary School
19	Xinmin Secondary School
20	Temasek Secondary School

POSITION	SCHOOL	II. SPECIAL TEAM PRIZES (Normal Stream)
1	Manjusri Secondary School	
2	Swiss Cottage Secondary School	
3	Bukit Batok Secondary School	
3	Chung Cheng High School (Branch)	

POSITION	COMPETITOR	SCHOOL	III. INDIVIDUAL PRIZES
1	Tay Kah Keng <b>Winner of Liew Mai Heng Memorial Prize (Senior Section)</b>	(Raffles Institution)	
2	You Hong	(The Chinese High School)	
3	Zhang Chun Hua	(River Valley High School)	
4	An Tao	(The Chinese High School)	
4	Xia Shuangjun	(The Chinese High School)	
4	Zhang Yuxi	(River Valley High School)	
7	Jin Xiao	(The Chinese High School)	
8	Zong Lixing	(The Chinese High School)	
9	Jiang Xiaofeng	(The Chinese High School)	
10	Zhong Yuan	(Raffles Institution)	
11	Yang Yan	(The Chinese High School)	
12	Chai Yiming	(Bukit Panjang Government High School)	
13	Wang Ziqian	(Raffles Institution)	
13	Wu Jie	(Nanyang Girls' High School)	
13	Yang Yijun	(The Chinese High School)	
16	Zhang Yang	(River Valley High School)	
17	Xing Dongfeng	(Anglican High School)	
18	Wang Haibin	(The Chinese High School)	
19	Liu Jing	(The Chinese High School)	
20	Song Yingchen	(Nanyang Girls' High School)	

## I. TEAM PRIZES

**POSITION SCHOOL**

1	The Chinese High School <b>Winner of the Singapore Mathematical Society Challenge Shield</b> Team Members: You Hong, Yang Yan, Wang Yun <b>Winners of the Southeast Asian Mathematical Society Prize</b>
2	River Valley High School
3	Raffles Junior College
4	Hwa Chong Junior College
5	Raffles Institution

**POSITION COMPETITOR**

**SCHOOL**

## II. INDIVIDUAL PRIZES

1	You Hong <b>Winner of the Singapore Mathematical Society Prize</b>	(The Chinese High School)
2	Zhang Yang	(River Valley High School)
3	Zhang Chun Hua	(River Valley High School)
4	Lu Yi	(Hwa Chong Junior College)
4	Yang Yan	(The Chinese High School)
6	Hue Yousi Daniel	(Raffles Junior College)
7	Wang Yun	(The Chinese High School)
8	Lim Yin	(Victoria Junior College)
8	Nguyen Minh Hieu	(Anglo-Chinese School (Independent))
10	Mai Thanh Binh	(Raffles Junior College)
11	Hu Yi	(Raffles Institution)
12	Wang Ziqian	(Raffles Institution)
13	Jin Xiao	(The Chinese High School)
14	Liang Jiajie	(Hwa Chong Junior College)
14	Yang Yijun	(The Chinese High School)
16	Liu Chang	(Raffles Institution)
16	Phung Thanh Hoa	(Raffles Institution)
16	Tay Kah Keng	(Raffles Institution)
16	Tian Yu	(Hwa Chong Junior College)
20	Lin Shaowei	(Raffles Junior College)
20	Wu Shenhua	(The Chinese High School)