The inaugural Singapore Mathematics Project Festival attracted thirty-six teams of participants from fourteen secondary schools. Five teams from each of the Junior and Senior Sections were invited to participate at the Festival Congress held at River Valley High School on 15 March 2001. Over a hundred teachers and students from various secondary schools attended the Festival Congress to watch the invited teams made presentations on their projects. Afterwards, the teams were interviewed by the judges to probe further into their understanding of the project material. The judges for the Festival were Professor Koh Khee Meng (NUS), Dr Chua Seng Kee (NUS) and Dr Tay Eng Guan (NIE) for the Senior Section; Assoc Prof Helmer Aslaksen (NUS), Dr Teo Kok Ming (Hwa Chong JC) and Miss Tan Ke-Xin (Temasek JC) for the Junior Section. Some of the projects submitted to the Festival are available at the website:

http://www.math.nus.edu.sg/~smsweb/students/festival2001results.html

The Society expresses its sincere gratitude to River Valley High School for allowing the use of its facilities to host the Festival Congress, the members of the teacher subcommittee at River Valley High School who did a wonderful job of organizing the Congress, the judges for their time and effort, and to all participating teams, supervising teachers and their schools for the support they have shown to the Festival.
Senior Section

• Foo Kean Pew Memorial Prize (Senior Section) •
  Mathematics in Election
  Yin Ying, Gao Yunzhong, Zhu Dacheng, Gu Ji
  River Valley High School
  Supervisor: Mdm Teo Soh Wah

• Singapore Mathematical Society Shield (Senior Section) •
  River Valley High School

• Gold Prize •
  Mathematics in Election
  Yin Ying, Gao Yunzhong, Zhu Dacheng, Gu Ji
  River Valley High School
  Supervisor: Mdm Teo Soh Wah

• Silver Prize •
  TOTO
  Chan Yu Ming, Ong Zhi Xian, Preetjit Singh Gill
  Clementi Town Secondary School
  Supervisor: Mr Lee Yan Kheng

  Paradoxes
  Rachel Lin Yuexin, Lim Jietong, Chee Ru-Ern
  Raffles Girls’ School
  Supervisor: Mrs Sia Wai Leng

• Bronze Prize •
  The Mathematical Side of Illusion
  Lee Chong Leong, Chua Thiam Hoo, Lee Tat Wee, Tay Chong Liang
  Anglican High School
  Supervisor: Mdm Chow Tai Hwa

  Tangram
  Liu Xue Jun, Tan Git Hou, Ooi Siow Moi, Tang Xue Yi Mitchell
  Bukit Merah Secondary School
  Supervisor: Miss Chin Oi Khuan

  Squeezing Through
  Chen Ming Qiong, Xu Xiu Ling
  Bukit Merah Secondary School
  Supervisor: Miss Chin Oi Khuan

  Bus Interior Design
  Tan Wee Boon, Oh Yoong Siang, Lee Jun Lin
  River Valley High School
  Supervisor: Mr Choy Ban Heng

  Candles
  Sukhinderjit Singh Ludher, Lin Zhenqiang, Alvin Tamsir, Mah Kok Hui
  Victoria School
  Supervisor: Ms Lau Hui Bian

• Special Prize in Presentation •
  String Designs
  Noor Shahilah bte Abdullah, Tan Chiu Teng, Lim Jia Hui, Wong Sing Yee
  Woodlands Ring Secondary School
  Supervisor: Mrs Lim-Yap Hwee Leng

• Special Prize in Creativity •
  Land of Oraph Theory
  Kang Hong Joo, Yeo Foo Yee, Yi Li, Zheng Shaoxuan
  Chinese High School
Junior Section

• Foo Kean Pew Memorial Prize (Junior Section)
  Tchuka Ruma
  Ang Xin Lin Priscilla, Lee Min Wai Serene, Sia Jia Min Charmaine
  Raffles Girls' School
  Supervisor: Mrs Sia Wai Leng

• Singapore Mathematical Society Shield (Junior Section)
  Raffles Girls' School

  • Gold Prize
    Tchuka Ruma
    Ang Xin Lin Priscilla, Lee Min Wai Serene, Sia Jia Min Charmaine
    Raffles Girls' School
    Supervisor: Mrs Sia Wai Leng

  • Silver Prize
    Chekin' Knights
    Chee Rong Can, Lee Hui Ling, Lai Jia Hui Joanne
    Commonwealth Secondary School
    Supervisor: Mr Leong Wai Lup

    Binary Numbers
    Cheryl Lim Hui Shan, Christy-Bell Goh, Lee Qinyi
    Nanyang Girls' High School
    Supervisor: Mrs Esther Chew

    The Beauty of Mathematics
    Lim Min Hwee, Loh Ying Bei, Wong Qian Ling, Tan Sin Sin
    River Valley High School
    Supervisor: Miss Tay Kim Noi

  • Bronze Prize
    Improvised Mastermind
    Lim Xiang Jun, Hu Heang Yee, Chan Yi Ling
    Commonwealth Secondary School
    Supervisor: Mr Leong Wai Lup

    Tessellation
    Justin Wong, Cheryl Ong, Wong Kok Yi
    Fairfield Methodist Secondary School
    Supervisor: Mrs Kan Hwee Meng

    Calculating the Optimal Height Per Floor
    Ang Wee Howe, Ang Ci Chuan, Ang Ching Hang
    River Valley High School
    Supervisor: Mr Choy Ban Heng

    Art in Mathematics
    Mohd Imran Bin Mohd Saleh
    Victoria School
    Supervisor: Mrs Ho Beng Huat

Special Prize in Originality
  The Beauty of Mathematics
  Lim Min Hwee, Loh Ying Bei, Wong Qian Ling, Tan Sin Sin
  River Valley High School
  Supervisor: Miss Tay Kim Noi

Special Prize in Presentation
  Binary Numbers
  Cheryl Lim Hui Shan, Christy-Bell Goh, Lee Qinyi
  Nanyang Girls' High School
  Supervisor: Mrs Esther Chew
Festival Congress Presentations

Senior Section
- The Mathematical Side of Illusion
- Tangram
- Squeezing Through
- TOTO
- Mathematics in Election

Junior Section
- Chekin' Knights
- Improvised Mastermind
- Binary Numbers
- Tchuka Ruma
- The Beauty of Mathematics