

SINGAPORE MATHEMATICAL PROJECT FESTIVAL 2016 RESULTS

1. Junior Section

Gold Medal & Foo Kean Pew Memorial Prize.

School/Project Title	Supervisor/Student(s)
NUS High School of Mathematics and Science	Chia Vui Leong
<i>A Hexagon Cutting Problem and Its Generalisations</i>	Joel Tan Matthew Chia Daniel Leong

Gold Medal & Best Presentation.

School/Project Title	Supervisor/Student(s)
Hwa Chong Institution	Zong Lixing
<i>Minimum Distance Problem</i>	Aung Kaung Kaung Lim An Jun Ng Yu Peng

Silver Medal.

School/Project Title	Supervisor/Student(s)
NUS High School of Mathematics and Science	Chai Ming Huang
<i>Pirate Game</i>	Li Yue Lin Sivakumar Varun Zachary Michael Koh
Hwa Chong Institution	Koh-Ang Choon Cheng
<i>The Lights Out Puzzle</i>	Teow Hua Jun Chai Yi Chen Zhu Qien Tan Zi Yi

Friday 29th April, 2016, 4:05pm

Bronze Medal.

School/Project Title	Supervisor/Student(s)
NUS High School of Mathematics and Science	Jiang Zewei
<i>Birthday Paradox</i>	Tay Fu Wen Andrew Yapp

Honourable Mention.

School/Project Title	Supervisor/Student(s)
Hwa Chong Institution	Ang Lai Chiang
<i>Don't be Square</i>	Scott Loo Yi He Foo Shi Hong Teoh Jun Jie Tan Zhi Wee
NUS High School of Mathematics and Science	Chai Ming Huang
<i>Winning in Battleship</i>	Toh Ming Chun Timothy Chang Low Wei Jian
NUS High School of Mathematics and Science	Chia Vui Leong
<i>Allocation of Geometrical Figures</i>	Zhang Xiaorui
Nanyang Girls' High School	Tan Chik Leng
<i>Circles of Equality</i>	Dunn Wan Yee Andrea Leang Ju Qin Raena Lee Jia Ying Li Yuan Sheng, Cady
Nanyang Girls' High School	Aloysious Low Mun Tuck
2048	Chew Ying-En Grace, Esther Lye Wen Jun Khor Whey Yinn Lim Jia Qi
Paya Lebar Methodist Girls' School (Secondary)	Kok Lai Fong
<i>Making Impossible Problems Possible</i>	Amanda Tan Yu En Fong Chuyi, Raeanne Lim Kai En Pheobe Eyo Zhi Qing
Methodist Girls' School	Wong Khai Shin
<i>Social Media Content - How Long does it Last?</i>	Tan Rui Trina Tan Wen Xuan Emily Wu Song Ai Heidi Grace Ng Hui Ying Cherlyn
Zhonghua Secondary School	Ardy Taniwan
<i>Choosing the Best Secretary</i>	Tan Hui Shan Gladys Ong Tsi Ying, Amelia Stacy Lee Sze Ying
Zhonghua Secondary School	Ardy Taniwan
<i>The Battle of Sexes</i>	Hoh Zheng Feng Sean Cheng Zhi Sheng

2. Senior Section

Gold Medal & Foo Kean Pew Memorial Prize.

School/Project Title	Supervisor/Student(s)
NUS High School of Mathematics and Science	Chia Vui Leong
<i>Evaluation of an Improper Integral</i>	<i>Soh Jing Ren</i>

Silver Medal.

School/Project Title	Supervisor/Student(s)
Hwa Chong Institution	Zong Lixing
<i>Triangling a Triangle</i>	<i>Bryan Wang Peng Jun Winfred Kong</i>
Catholic High School	Chua Seng Kiat
<i>Caustic Envelope</i>	<i>Poon Zong Wei Julian Tan Zi Hao Toh Yi Sheng Eusebius</i>

Bronze Medal.

School/Project Title	Supervisor/Student(s)
Victoria School	Leon Huai Luu
<i>Exploring the Secretary Problem</i>	<i>Ivan Feng Jun Kai Gao Chang Xiang Ng Wei En</i>
Hwa Chong Institution	Ang Lai Chiang
<i>Brachistochrone</i>	<i>Kwang Hao Yang William Kin Low Shi Ming</i>
NUS High School of Mathematics and Science	Lee Tuo Yeong
<i>A Real Variable Method for Summing Certain Trigonometric Series</i>	<i>Chong Jing Quan Huang Xing Chen Li Jingtao</i>
Hwa Chong Institution	Ang Lai Chiang
<i>MIB: Math in Basketball</i>	<i>Mao Ziming Cheng Dongyan Zhang Shukai</i>
Hwa Chong Institution	Ang Lai Chiang
<i>Flex the Hexahexaflexagon!</i>	<i>Darrell Goh Rui Jie Tan Yan Wen</i>

Honourable Mention.

School/Project Title	Supervisor/Student(s)
NUS High School of Mathematics and Science	Jiang Zewei
<i>Binary Cups Puzzle</i>	<i>Dhanish Musharraf Ubaidali Leong Song Zhu, Owen</i>
NUS High School of Mathematics and Science	Lee Chan Lye
<i>The Grid-Bouncing Problem and its Extensions</i>	<i>Ahnt Htoo Myat Chan Li Xuan Beverly Han Shangru, Stanley</i>
Paya Lebar Methodist Girls' School (Secondary)	Kok Lai Fong
<i>I'm not Small</i>	<i>Cheyenne Jan Lee Liang Jing Nicolette Lau Jia Wen Sim Lee Ting</i>
Paya Lebar Methodist Girls' School (Secondary)	Kok Lai Fong
<i>Selfie Syndrome</i>	<i>Angela Tan Jia Yi Naomi Faustina Limarno Shuan Ye Ru Nicole Wong Min Hui</i>
Evergreen Secondary School	Spario Soon
<i>The Nervous Recruits</i>	<i>Tan Wei Xiang Tee Yee Jian Toh Yong Ping</i>
Clementi Town Secondary School	Mirshasha Binte Mohamed Taib
<i>Winning Strategies in the Game of Regular Polyhedral Dice</i>	<i>Zhao Yifan Zhu Shanjun Kashish Lal Rajpal Gu Jingwei</i>