Results of Mathematics Project Competition for Secondary Schools (2024/25)
中學數學專題習作比賽（2024/25）成績

Category A: Junior secondary project A 組：初中習作

Results 成績	School 學校	Title of Project 專題習作名稱
Champion 冠軍	Wong Shiu Chi Secondary School 王肇枝中學	芳賀定理中畢氏三元數的延伸探究
1st Runner-up 亞軍	St. Paul's Co-educational College 聖保羅男女中學	On Minimal Enclosing Regular Polygons of Regular Polygons
2nd Runner-up 季軍	Pui Ching Middle School 香港培正中學	Arrangement for Introverts

Team of Best Presentation Award and the title of the Winning Project
最佳演繹獎隊伍及作品名稱

School 學校	Title of Project 專題習作名稱
Wong Shiu Chi Secondary School 王肇枝中學	芳賀定理中畢氏三元數的延伸探究

Teams of Outstanding Performance Award and the Titles of Their Winning Projects
表現優異獎隊伍及作品名稱

School (in alphabetic order) 學校(按英文名字排序）	Title of Project 專題習作名稱
Diocesan Girls' School 拔萃女書院	Exploring Integer and Heronian Triangles
Shun Tak Fraternal Association Lee Shau Kee College 順德聯誼總會李兆基中學	三角形與球的反射研究
Yan Oi Tong Tin Ka Ping Secondary School 仁愛堂田家炳中學	The Competition Towards Capturing

Teams of Good Performance Award and the Titles of their Winning Projects
表現良好獎隊伍及作品名稱

School (in alphabetic order) 學校(按英文名字排序）	Title of Project 專題習作名稱
Hong Kong Chinese Women's Club College 香港中國婦女會中學	Investigation of relationship between sphere and frustum
Kwun Tong Government Secondary School 觀塘官立中學	Math Modelling for Healthy Dieting
Sha Tin Government Secondary School 沙田官立中學	Investigation on the 3n+1 conjecture
Shun Tak Fraternal Association Tam Pak Yu College 順德聯誼總會譚伯羽中學	數研遊戲
Shun Tak Fraternal Association Yung Yau College 順德聯誼總會翁祐中學	探究萬花尺與數學的關係
Shun Tak Fraternal Association Yung Yau College 順德聯誼總會翁祐中學	「合 24」— 培養數字感
St. Paul's Convent School 聖保祿學校	Stick Toss: Analyzing Probability in Game Stalls

School (in alphabetic order) 學校(按英文名字排序）	Title of Project 專題習作名稱
St. Paul's Convent School 聖保祿學校	Winning Strategies in Coin Pusher Machines: Analysing Probability
The Church of Christ in China Ming Yin College 中華基督教會銘賢書院	Bayes Theorem
The Church of Christ in China Ming Yin College 中華基督教會銘賢書院	Recurrence Sequences
Wah Yan College, Kowloon 華仁書院（九龍）	Study of the cooling effect of cups with cooling pads by mathematical modelling

Teams of Mathematical Modelling Good Performance Award and the Titles of their Winning Projects
數學建模良好獎獎隊伍及作品名稱

School (in alphabetic order) 學校(按英文名字排序）	Title of Project 專題習作名稱
Kwun Tong Government Secondary School 觀塘官立中學	Math Modelling for Healthy Dieting
Wah Yan College, Kowloon 華仁書院（九龍）	Study of the cooling effect of cups with cooling pads by mathematical modelling

<u>Category B: S1 mini-project B 組：中一小型習作</u>

Teams of Outstanding Performance Award
and the Titles of Their Winning Projects
表現優異獎隊伍及作品名稱

School (in alphabetic order) 學校(按英文名字排序）	Title of Project 專題習作名稱
Lok Sin Tong Leung Chik Wai Memorial School 樂善堂梁植偉紀念中學	相對濕度與溫度對近年香港入院嚴重流感病例的數據分析
Sha Tin Government Secondary School 沙田官立中學	General Solution of an IQ Question

Team of Mathematical Modelling Outstanding Performance Award
and the Title of the Winning Project
數學建模優異獎隊伍及作品名稱

School (in alphabetic order) 學校(按英文名字排序）	Title of Project 專題習作名稱
Lok Sin Tong Leung Chik Wai Memorial School 樂善堂梁植偉紀念中學	相對濕度與溫度對近年香港入院嚴重流感病例的數據分析

Teams of Good Performance Award
and the Titles of Their Winning Projects
表現良好獎隊伍及作品名稱

School (in alphabetic order) 學校(按英文名字排序）	Title of Project 專題習作名稱
CCC Rotary Secondary School 中華基督教會扶輪中學	一個計算最便宜貨品之單位價格流程的製作
Christian Alliance S C Chan Memorial College 宣道會陳瑞芝紀念中學	學校比一比
Hong Kong True Light College 香港真光書院	三餸飯減肥法
Lok Sin Tong Leung Chik Wai Memorial School 樂善堂梁植偉紀念中學	鋪磚的藝術
Pok Oi Hospital Chan Kai Memorial College 博愛醫院陳楷紀念中學	真幣假幣，論遊戲中的「硬幣」是否公平
Yan Oi Tong Tin Ka Ping Secondary School 仁愛堂田家炳中學	Weather-Wise Hikes Predicting the Perfect Month for Hiking

Team of Mathematical Modelling Good Performance Award
and the Title of the Winning Project
數學建模良好獎獎隊伍及作品名稱

School (in alphabetic order) 學校(按英文名字排序）	Title of Project 專題習作名稱
Yan Oi Tong Tin Ka Ping Secondary School 仁愛堂田家炳中學	Weather-Wise Hikes Predicting the Perfect Month for Hiking

Remark： Letter would be sent to the school of the awarding team for the results of Mathematics Project Competition for Secondary Schools (2024/25) by 26 May 2025. Award teams would be invited to attend the Prize Presentation Ceremony of Mathematics Project Competition and Mathematics Book Report Competition for Secondary Schools (2024/25) cum Exhibition of the Winning Entries held on 3 July 2025 (Thursday) at 2:30 p.m. in 9/F Auditorium, The Hong Kong Federation of Youth Groups Building, 21 Pak Fuk Road, North Point, Hong Kong.

註：得獎隊伍的參賽學校將在2025年5月26日收到中學數學專題習作比賽(2024/25)結果的信件。得獎隊伍亦會被邀請參加於2025年7月3日（星期四）下午2時30分假香港北角百福道21號香港青年協會大廈9樓演講廳舉行的中學數學專題習作比賽及數學閱讀報告比賽(2024/25)頒獎禮暨優勝作品展覽。