

**Results of Mathematics Project Competition for Secondary Schools (2024/25)**  
**中学数学专题习作比赛（2024/25）成绩**

**Category A: Junior secondary project A 组：初中习作**

<b>Results 成绩</b>	<b>School 学校</b>	<b>Title of Project 专题习作名称</b>
Champion 冠军	Wong Shiu Chi Secondary School 王肇枝中学	芳贺定理中毕氏三元数的延伸探究
1st Runner-up 亚军	St. Paul's Co-educational College 圣保罗男女中学	On Minimal Enclosing Regular Polygons of Regular Polygons
2nd Runner-up 季军	Pui Ching Middle School 香港培正中学	Arrangement for Introverts

**Team of Best Presentation Award and the title of the Winning Project**  
**最佳演绎奖队伍及作品名称**

<b>School 学校</b>	<b>Title of Project 专题习作名称</b>
Wong Shiu Chi Secondary School 王肇枝中学	芳贺定理中毕氏三元数的延伸探究

**Teams of Outstanding Performance Award  
and the Titles of Their Winning Projects**  
表现优异奖队伍及作品名称

School (in alphabetic order) 学校(按英文名字排序)	Title of Project 专题习作名称
Diocesan Girls' School 拔萃女书院	Exploring Integer and Heronian Triangles
Shun Tak Fraternal Association Lee Shau Kee College 顺德联谊总会李兆基中学	三角形与球的反射研究
Yan Oi Tong Tin Ka Ping Secondary School 仁爱堂田家炳中学	The Competition Towards Capturing

**Teams of Good Performance Award and the Titles of their Winning Projects**  
表现良好奖队伍及作品名称

School (in alphabetic order) 学校(按英文名字排序)	Title of Project 专题习作名称
Hong Kong Chinese Women's Club College 香港中国妇女会中学	Investigation of relationship between sphere and frustum
Kwun Tong Government Secondary School 观塘官立中学	Math Modelling for Healthy Dieting
Sha Tin Government Secondary School 沙田官立中学	Investigation on the $3n+1$ conjecture
Shun Tak Fraternal Association Tam Pak Yu College 顺德联谊总会谭伯羽中学	数研游戏
Shun Tak Fraternal Association Yung Yau College 顺德联谊总会翁佑中学	探究万花尺与数学的关系
Shun Tak Fraternal Association Yung Yau College 顺德联谊总会翁佑中学	「合 24」— 培养数字感
St. Paul's Convent School 圣保禄学校	Stick Toss: Analyzing Probability in Game Stalls

<b>School (in alphabetic order)</b> 学校(按英文名字排序)	<b>Title of Project</b> 专题习作名称
St. Paul's Convent School 圣保禄学校	Winning Strategies in Coin Pusher Machines: Analysing Probability
The Church of Christ in China Ming Yin College 中华基督教会铭贤书院	Bayes Theorem
The Church of Christ in China Ming Yin College 中华基督教会铭贤书院	Recurrence Sequences
Wah Yan College, Kowloon 华仁书院 (九龙)	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**  
数学建模良好奖队伍及作品名称

<b>School (in alphabetic order)</b> 学校(按英文名字排序)	<b>Title of Project</b> 专题习作名称
Kwun Tong Government Secondary School 观塘官立中学	Math Modelling for Healthy Dieting
Wah Yan College, Kowloon 华仁书院 (九龙)	Study of the cooling effect of cups with cooling pads by mathematical modelling

**Category B: S1 mini-project B 组：中一小型习作**

**Teams of Outstanding Performance Award  
and the Titles of Their Winning Projects**  
表现优异奖队伍及作品名称

<b>School (in alphabetic order)</b> 学校(按英文名字排序)	<b>Title of Project</b> 专题习作名称
Lok Sin Tong Leung Chik Wai Memorial School 乐善堂梁植伟纪念中学	相对湿度与温度对近年香港入院严重流感 病例的数据分析
Sha Tin Government Secondary School 沙田官立中学	General Solution of an IQ Question

**Team of Mathematical Modelling Outstanding Performance Award  
and the Title of the Winning Project**  
数学建模优异奖队伍及作品名称

<b>School (in alphabetic order)</b> 学校(按英文名字排序)	<b>Title of Project</b> 专题习作名称
Lok Sin Tong Leung Chik Wai Memorial School 乐善堂梁植伟纪念中学	相对湿度与温度对近年香港入院严重流感 病例的数据分析

**Teams of Good Performance Award  
and the Titles of Their Winning Projects**  
表现良好奖队伍及作品名称

<b>School (in alphabetic order)</b> 学校(按英文名字排序)	<b>Title of Project</b> 专题习作名称
CCC Rotary Secondary School 中华基督教会扶轮中学	一个计算最便宜货品之单位价格流程的制作
Christian Alliance S C Chan Memorial College 宣道会陈瑞芝纪念中学	学校比一比
Hong Kong True Light College 香港真光书院	三餸饭减肥法
Lok Sin Tong Leung Chik Wai Memorial School 乐善堂梁植伟纪念中学	铺砖的艺术
Pok Oi Hospital Chan Kai Memorial College 博爱医院陈楷纪念中学	真币假币，论游戏中的「硬币」是否公平
Yan Oi Tong Tin Ka Ping Secondary School 仁爱堂田家炳中学	Weather-Wise Hikes Predicting the Perfect Month for Hiking

**Team of Mathematical Modelling Good Performance Award  
and the Title of the Winning Project**  
数学建模良好奖队伍及作品名称

<b>School (in alphabetic order)</b> 学校(按英文名字排序)	<b>Title of Project</b> 专题习作名称
Yan Oi Tong Tin Ka Ping Secondary School 仁爱堂田家炳中学	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.

注：得奖队伍的参赛学校将在2025年5月26日收到中学数学专题习作比赛(2024/25)结果的信件。  
得奖队伍亦会被邀请参加于2025年7月3日（星期四）下午2时30分假香港北角百福道21号香港青年协会大厦9楼演讲厅举行的中学数学专题习作比赛及数学阅读报告比赛(2024/25)颁奖典礼暨优胜作品展览。