



HONG KONG MATHEMATICAL OLYMPIAD ASSOCIATION

香港數學奧林匹克協會



World STEM Association

世界科技工程數學協會

# The 3rd AI Mathematical Olympiad World Open Competition (Mathematics Master Cup)

## Play-in round invitation

Hong Kong Mathematical Olympiad Association

World STEM Association



Dear school principals and parents,

In order to meet the demand for artificial intelligence research talents in the 21st century, the Hong Kong Mathematical Olympiad Association and the World STEM Association introduces The 3<sup>rd</sup> AI Mathematical Olympiad World Open Competition (Mathematics Master Cup) and sincerely invite Hong Kong mathematics talents to participate. This competition is divided into four stages. The first stage is play-in round which is **free of charge**. In order to increase students' interest in AI Mathematics Olympiad, our associations provides more than 150 free video clips for students to learn online of the related knowledge of AI Mathematical Olympiad.

The AI Mathematical Olympiad World Open Competition (Mathematics Master Cup) is an advanced version of the Mathematical Competition that is mainly aimed at training students in logical thinking, problem analysis, engineering mathematics application and advanced Mathematical Olympiad. This competition is not only train students' numerical calculations skills, but also to enhance students' logical thinking abilities.

The second stage is the trial stage, and the third stage is the finals. The winners of the bronze medal or above in the third stage will be invited to participate in the fourth stage of the World Championship. The competition has invited AIMO approved units from all over the world to participate.

Attached are the competition details and online registration link. The deadline is 12<sup>th</sup> November 2025. If you have any inquiries, please Whatsapp57252131 or [admin@wsaweb.org](mailto:admin@wsaweb.org).

Yours faithfully,

Hong Kong Mathematical Olympiad Association

World STEM Association

Attachment: "The 3<sup>rd</sup> AI Mathematical Olympiad World Open Competition (Mathematics Master Cup)" details and online registration link



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# The 3rd AI Mathematical Olympiad World Open Competition (Mathematics Master Cup)

## Play-in round details

**Play-in round Competing time: No limit;** Trial Competing time 60mins; Finals Competing time 90mins

|                             | Advanced Mathematical Olympiad          | Programming and Logical Thinking        | Engineering Mathematics                 | Algebra and Problem Analysis            |
|-----------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|
| Play-in round (9 questions) | 6 questions                             | 1 question                              | 1 question                              | 1 question                              |
| Trial Round (12 questions)  | 6 questions                             | 2 questions                             | 2 questions                             | 2 questions                             |
| Final Round (12 questions)  | 6 questions                             | 2 questions (2 part for each question)  | 2 questions (2 part for each question)  | 2 questions (2 part for each question)  |
| World Round (12 questions)  | 6 questions (2 parts for each question) | 2 questions (2 parts for each question) | 2 questions (2 parts for each question) | 2 questions (2 parts for each question) |

### Awards for Trial & Final Event :

#### Personal Awards

Top 15% participants will be awarded Gold Awards

New awards: The top three with the highest scores in each level will be awarded championship, runner-up, and third-place medals and certificates.

The following 25% participants will be awarded Silver Awards

The following 30-40% participants be awarded Bronze Awards

The above awards will all receive certificates jointly issued by the two associations.

(20-30% of participants will not receive awards)

#### Group Awards (Ranked by the total score of the best 5 participants from each grade)

| <b>Trial Round</b> | Team championship trophies at all levels |                        | Calculate the total score of each level of school team |
|--------------------|------------------------------------------|------------------------|--------------------------------------------------------|
| <b>Final Round</b> | Team championship trophy                 | Primary School Group   | Calculate the total score of each level of school team |
|                    |                                          | Secondary School Group | Calculate the total score of each level of school team |

### Award announcement:

Schools that win group awards will be invited to send representatives to attend the award ceremony in June 2026 (date and location to be determined) to receive the group awards. As for the individual award certificate, regardless of the contestant's registration method, the association will notify the contestant's school in advance to collect it on his or her in July 2026.

# The 3rd AI Mathematical Olympiad World Open Competition (Mathematics Master Cup)

## Play-in round details

Organizers : **Hong Kong Mathematical Olympiad Association**  
**World STEM Association**

Co-organizer : **Asia International Mathematical Olympiad Federation**

Eligible participants : Grade 2 to Grade 9(Grade 1 can join Grade 2 competition)

Contest date : 03 Oct 2025 ~ 12 Nov 2025

Competition fee : Free



Scope of Competition

**Competition content^: Please refer to the QR code**

Free learning video: Please refer to the “learning video” shown in <https://wsaweb.org/aiomaths>

### Results announcement:

The results will be announced on the association’s website [www.wsaweb.org](http://www.wsaweb.org) on 14<sup>th</sup> November 2025

### Play-in round Awards:

All qualified students can download the electronic certificate of qualification on the competition website starting on 24<sup>th</sup> November 2025.

Students can directly take the online assessment through the QR code provided below.

**\*\*Please correctly select the assessment link/QR Code of the corresponding level to take the assessment\*\***

|                                                                                                                                        |                                                                                                                                      |                                                                                                                                       |                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <p>Grade 1,2</p>  <p><a href="#">Press here</a></p> | <p>Grade 3</p>  <p><a href="#">Press here</a></p> | <p>Grade 4</p>  <p><a href="#">Press here</a></p> | <p>Grade 5</p>  <p><a href="#">Press here</a></p> |
| <p>Grade 6</p>  <p><a href="#">Press here</a></p>   | <p>Grade 7</p>  <p><a href="#">Press here</a></p> | <p>Grade 8</p>  <p><a href="#">Press here</a></p> | <p>Grade 9</p>  <p><a href="#">Press here</a></p> |

Please be sure to enter correct contact information (if there are any errors or omissions that result in failed registration, you will not be allowed to take the make-up exam)

All the latest news and information are published at [www.wsaweb.org](http://www.wsaweb.org). Subject to change without individual notification.