

The Forty-Third Hong Kong Mathematics Olympiad (HKMO) (2025/26)

Aims / Objectives

This is to invite secondary schools to participate in the captioned competition.

Details

2. The Forty-Third Hong Kong Mathematics Olympiad (43rd HKMO) is jointly organised by the Innovation Technology Education Division, Education Bureau (EDB) and the Department of Mathematics and Information Technology of The Education University of Hong Kong. The aims of the competition are to develop students' mathematical abilities and foster their interest in mathematics.

3. The Heats of the 43rd HKMO will be held in the morning of **24 January 2026 (Saturday)**. The 50 teams with the highest aggregate scores (sum of the scores in **the Individual and 2 Group Events**) in the Heats will enter the Finals which is scheduled for April 2026.

4. Schools may enrol to participate in the 43rd HKMO by submitting the completed e-form on the website: <https://forms.gle/3QFB3ZC5PE87x4hb9> **on or before 9 January 2026 (Friday)**. Details of the 43rd HKMO can also be found in the following website:
<https://www.edb.gov.hk/en/curriculum-development/kla/ma/res/sa/hkmo-index.html> .



5. Regulations for the Heats and poster for the captioned competition are attached (Appendices 14a and 14b). Details of the Finals will be announced at a later stage.

Contact Person

6. For enquiries, please contact Mr CHENG Sze-man of Mathematics Education Section, Innovation Technology Education Division, Education Bureau on 2153 7436.

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Regulations of the Heats

1. The Heats consists of **three** parts, the Individual Event and two Group Events. **60 minutes** is allowed for the Individual Event, **20 minutes** for the Group Event (I) and **10 minutes** for the Group Event (II) (inclusion of Mathematical Modelling Elements).
2. Each school may nominate **4 to 6 student participants** of **Secondary 5 level or below**. Any 4 of them may take part in the Individual Event and any 4 of them may take part in the Group Event. Teams of less than 4 members will be disqualified.
3. All student participants, **accompanied by the teacher-in-charge, should wear proper school uniform**. The competition will commence at 9:30 a.m. sharp.
4. Question papers are printed in both Chinese and English. Verbal instructions will be given in Cantonese. However, for competitors who do not understand Cantonese, written instructions in both Chinese and English will be provided. Question papers are printed in both Chinese and English.
5. Each participant has to solve 15 questions in the Individual Event (**10 questions in Part A** and **5 questions in Part B**); each school team has to solve 10 questions in the Group Event (I) (**5 questions in Part A** and **5 questions in Part B**) and 2 questions in the Group Event (II).
6. In all the Group Events (both (I) and (II)), discussions among participating team members are allowed provided that the voice level is kept to a minimum.
7. Devices such as calculators or other electronic calculation devices, four-figure tables, protractors, compasses, set squares and rulers will **not** be allowed to use throughout the Heats, otherwise the participant will be disqualified or risk deduction of marks.
8. **All answers in the Individual and the Group Event (I) should be numerical and reduced to the simplest form unless stated otherwise. No proof or demonstration of work is required.**
9. All electronic communication devices (include tablets, mobile phones, multimedia players, electronic dictionaries, databank watches, smart watches or other wearable technologies with communication or data storage functions) and alarm device(s) should be turned off during the Heats. Failing to do so, the participant **will risk disqualification** or **deduction of marks**.
10. For the Individual Event, 1 mark and 2 marks will be given to each correct answer in Part A and Part B respectively. The total maximum score for a school team should be 80.

11. For the Group Event (I), 2 marks and 3 marks will be given to each correct answer in Part A and Part B respectively. The total maximum score for a school team should be 25.
12. For the Group Event (II), each question will carry 5 marks. The total maximum score for a school team should be 10.
13. No mark for speed will be awarded in the Heats.
14. Participants should bring along their own writing instruments, e.g. **BALL PENS** and **PENCILS**. However, they are **NOT ALLOWED TO USE PENCIL** to write their answers on the answer sheet. All pencil writings on the answer sheet **WILL NOT BE ASSESSED**.
15. Based on the highest aggregate scores (sum of the scores in the Individual and both Group Events), the Organising Committee will select the 50 highest scored teams entering the Finals.
16. Awards:
 - (a) For each of Individual, Group Event (I), after arranging all participant's scores / school team's scores in the order from the highest to the lowest
 - (i) participants obtaining full score will be awarded Best Performance honour certificates;
 - (ii) after deducting those participants with full score achievement as in (i),
 - (1) the first 2% from the remaining participants in the said order will be awarded First-class honour certificates;
 - (2) the next 5% from the remaining participants will be awarded Second-class honour certificates; and
 - (3) the next 10% from the remaining participants will be awarded Third-class honour certificates;
 - (4) the next 13% from the remaining participants will be awarded honourable mention certificates;
 - (b) About 10 – 15% of participating schools with the highest aggregate scores (sum of the scores in the Individual and Group Events) in each of the following regions, namely Hong Kong Island, Kowloon East, Kowloon West, the New Territories East, and the New Territories West, will be awarded certificates of merit.
17. Should there be any queries, participants should contact Mr CHENG Sze-man, the representative of EDB in the Organising Committee, **via the teacher-in-charge** at 2153 7436 immediately after the Heats. The decision of the Organising Committee on the queries is final.

Poster of the 43rd Hong Kong Mathematics Olympiad



第43屆香港數學競賽

The 43rd Hong Kong Mathematics Olympiad

教育局數學教育組・香港教育大學數學與資訊科技學系 聯合舉辦

初賽
24.01.2026

決賽
18.04.2026

截止報名日期
09.01.2026

詳情請瀏覽教育局數學教育組網頁
For further details, please visit the webpage of Mathematics Education Section, Education Bureau

$f_1(x) = \frac{1}{1-x}$

$5y + x^2$

$\log_{2b} a = 2$

$x - \frac{4}{x} = 3$