

## **The Thirty-eighth Hong Kong Mathematics Olympiad (HKMO) (2020/21)**

### **Aims / Objectives**

This is to introduce the details of the captioned competition and invite secondary schools to participate in the competition.

### **Details**

2. The Thirty-eighth Hong Kong Mathematics Olympiad (38th HKMO) is jointly organised by the Education Bureau (EDB) and the Department of Mathematics and Information Technology of The Education University of Hong Kong. The aim of the competition is to develop students' mathematical abilities and foster their interest in mathematics.

3. The competition will be held in the morning of **17 April 2021** (Saturday), which comprises of two individual events. Each school may nominate at most 4 students to participate in the competition. Apart from prizes for individual participants, there are also prizes for schools. For social distancing, there will be no Group Event nor Finals for the 38th HKMO.

4. Schools interested in taking part in the 38th HKMO are requested to complete the attached Application Form (**Appendix 12a**) (or the e-form which is available on the website: <https://www.edb.gov.hk/en/curriculum-development/kla/ma/res/sa/hkmo-index.html>) and return it via **Fax** to the Mathematics Education Section, the EDB (or email to [robertcheng@edb.gov.hk](mailto:robertcheng@edb.gov.hk)) **on or before 5 March 2021 (Friday)**.



5. Regulations for the captioned competition are attached (**Appendix 12b**).

### **Contact Person**

6. For enquiries, please contact Mr CHENG Sze-man of Mathematics Education Section, Curriculum Development Institute, the EDB on 2153 7436.

## Application Form

Mathematics Education Section  
 Education Bureau  
 4/F, Kowloon Government Offices  
 405 Nathan Road  
 Kowloon

**Fax No.: 3426 9265**

**Email: [robertcheng@edb.gov.hk](mailto:robertcheng@edb.gov.hk)**

**(Attn: Mr CHENG Sze-man)**

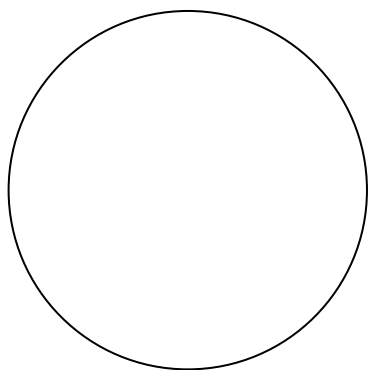
### The Thirty-eighth Hong Kong Mathematics Olympiad (2020/21)

My school would like to nominate the following students to take part in the captioned competition:

No.	Name of Student		Sex (M/F)	Class
	Name in English (BLOCK LETTERS)	Name in Chinese		
1				
2				
3				
4				

Dr / Mr / Mrs / Ms / Miss\* \_\_\_\_\_ will be in charge of the school team.

\* Delete whichever inapplicable.



School Chop

Signature of Principal: \_\_\_\_\_

Name of Principal: \_\_\_\_\_

School: \_\_\_\_\_

Address: \_\_\_\_\_

Tel. No.: \_\_\_\_\_ Fax No.: \_\_\_\_\_

Date: \_\_\_\_\_

**The Thirty-eighth Hong Kong Mathematics Olympiad (2020/21)****Regulations**

1. The competition consists of two individual rounds, each with one paper: **60 minutes** for Paper 1 and **50 minutes** for Paper 2.
2. Each school may nominate **at most 4 participants** who are students of **Secondary 5 or below**.
3. All student participants, **accompanied by the teacher-in-charge, should wear proper school uniform** and present **ID Card or student identification document** when registering at the venue reception not later than 8:45 a.m. Failing to do so, **the participant will risk disqualification**.
4. Verbal instructions will be given in Cantonese. However, for competitors who do not understand Cantonese, a printed copy of 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 Paper 1 (**10 questions in Part A** and **5 questions in Part B**), and 7 questions in Paper 2 (**4 questions in Part A** and **3 questions in Part B**).
6. Please note that devices such as calculators, four-figure tables, protractors, compasses, set squares and rulers will **not** be allowed to use throughout the competition, otherwise the participant will be disqualified or risk deduction of marks.
7. **All answers should be numerical and reduced to the simplest form unless stated otherwise. No proof or demonstration of work is required.**
8. Participants having 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) or any alarm devices, should turn them off and put them inside their bags or under their chairs. Failing to do so, the participant **will risk disqualification**.
9. For Paper 1, 1 mark and 2 marks will be given to each correct answer in Part A and Part B respectively. The maximum score for a school should be 80.
10. For Paper 2, 2 marks and 4 marks will be given to each correct answer in Part A and Part B respectively. The total maximum score for a school should be 80.

11. No mark for speed will be awarded in the competition.
12. Participants should bring along their own instruments, e.g. **ball pens** and **pencils**.
13. Awards:
  - (a) For each of Paper 1 and Paper 2,
    - (i) participants obtaining full score will be awarded the Best Performance honour certificates ;
    - (ii) for participants not attaining the full score,
      - (1) the top 2% will be awarded the First-class honour certificates ;
      - (2) the next 5% will be awarded the Second-class honour certificates ; and
      - (3) the next 10% will be awarded the Third-class honour certificates.
  - (b) For the aggregated score, schools obtaining the top 3 highest marks will be awarded the Overall Champion, First-Runner Up and Second-Runner Up cups and certificates, the next 47 schools will be awarded Good Performance certificates.
  - (c) The 3 participating schools with the highest aggregate scores in each centre will be awarded certificates of merit.
14. The decision of the Organising Committee of the 38th Hong Kong Mathematics Olympiad on the results and awards of the competition is final.
15. Should there be any queries, participants should reach the Centre Supervisor immediately after the competition. The decision of the Organising Committee on the queries is final.
16. The competition results will be announced through the website of the Mathematics Education Section, EDB on or before 31 May 2021 (Monday). A separate letter will be sent to all winners and winning schools in June 2021.