



# International Mathematics Olympiad Training 2021-22 (Phase III) Level 1 or 2 (E3IMO006C/ E3IMO007C)

- Introduction**
- A comprehensive mathematics programme which covers such as Algebra, Number Theory, Geometry and Combinatorics
  - Introduce the basic curriculum of the International Mathematics Olympiad competition
  - Broaden student's mathematical knowledge, strengthen their problem solving, higher order and logical thinking skills
  - Training consists of 3 Phases: Phase I (Jul – Aug 2021), Phase II (Sep – Dec 2021) and Phase III (Jan – Mar 2022)
  - Students with outstanding performance in the programme would be selected as the representatives of Hong Kong in the 63<sup>rd</sup> IMO 2022

The International Mathematical Olympiad Training programmes are co-organized with International Mathematical Olympiad Hong Kong Committee (IMOHKC)

**Programme Type / Level** Advanced Course in Mathematical Olympiad ([Token-required](#))

**Instructor(s)** Dr Leung Tat Wing and other trainers

- Target Participants**
- NON-HKAGE Student members who
- ◆ were awarded **Honourable Mention or above in IMO Preliminary Selection Contest – Hong Kong**
- HKAGE Student members who
- ◆ were awarded **Honourable Mention or above in IMO Preliminary Selection Contest – Hong Kong** *or*
  - ◆ have been a trainee in any phase of International Mathematics Olympiad (IMO) **Training** *or*
  - ◆ have completed any Phase of CGMO *or*
  - ◆ have completed any Phase of ITOM training with Distinction

Class size: 55

**Medium of Instruction** Cantonese with English handouts

- Certificate**
- E-Certificate** will be awarded to participants who have:
- ❖ Attended **at least 7 sessions AND**
  - ❖ **Satisfactory performance in ALL assessments**

- Intended Learning Outcomes**
- Upon completion of the programme, participants should be able to:
1. Broaden their mathematical knowledge in a variety of areas on the basis of senior secondary mathematics curriculum;
  2. Strengthen their problem solving and higher-order thinking skills.

**Application Deadline** **23 Dec 2021**  
**12:00 n.n.**

**Application Result Release Date** **30 Dec 2021**

If student members withdraw from the programme after the Application Deadline, the token will be deducted.

## Schedule

Session	Date	Time	Venue (HKAGE)	
			Level 1	Level 2
1	8 Jan 2022	2:00 p.m. – 5:00 p.m.	Room 303	Room 204
2	15 Jan			
3	22 Jan			
4	29 Jan			
5	12 Feb			
6	19 Feb			
7	26 Feb			
8	5 Mar			
9	<b>8 Mar</b>	<b>9:00 a.m. – 1:00 p.m.</b>	Room 105	

Remarks:

1. Students **MUST ATTEND** the test **Asian Pacific Mathematics Olympiad (APMO)** held on **8 Mar 2022**. No make-up test will be arranged.
2. Students will be **notified through email which Level they belong to** on or before 31 Dec 2021.

## Enquiries

For enquiries, please contact us on 3940 0101 or email [programme@hkage.org.hk](mailto:programme@hkage.org.hk).