



HK Winter Mathematics Olympiad 2022

(E1IMO006C)

Introduction HK Winter Mathematics Olympiad is a two-day workshop for students to strengthen their problem-solving skills through games, research activities, and group competitions. A variety of challenging problems will be posted in the competition and students will be divided into groups according to their abilities and levels. Collaborative problem-solving is the main focus in this workshop.

The programme is co-organized with International Mathematical Olympiad Hong Kong Committee (IMOHKC)

Programme Type / Level Introductory Course in Olympiad Mathematics ([Token-required](#))

Instructor(s) Dr Leung Tat Wing, Dr Law Ka Ho & Mr Hung Chun May

Pre-requisite • No special prerequisites are needed

Target ➤ S2 – S6 HKAGE student members

Participants ➤ **Group A:** HKAGE Student members who have participated in **any phase of International Mathematics Olympiad Training** before
Class size: 18

➤ **Group B:** All other HKAGE Student members who have **NEVER** participated in **any phase of International Mathematics Olympiad Training** nor **HK Winter Mathematics Olympiad** before.
Class size: 60 **(Full)**

*(Priority will be given to student members who have completed one of the programmes in **Maths Ignition Series**, namely: MATS1111/E1IMO001C, MATS1112/E1IMO002C, MATS1113/E1IMO003C, MATS1114/E1IMO004C and MATS1115/E1IMO005C)*

This programme is the same as Introductory Workshop in Olympiad Mathematics: HK Winter Mathematics Olympiad 2019 (MATS1100) in 18/19 school year.

Medium of Instruction Cantonese with English Handouts

Certificate **E-Certificate** will be awarded to participants who have:
❖ Attended **AT LEAST 3** sessions AND
❖ Completed all the assessments with satisfactory performance.

Intended Learning Outcomes Upon completion of the programme, participants should be able to:
1. Strengthen their collaborative problem-solving skills;
2. Gain experience in expressing their thoughts and ideas in presentation.

Screening Please answer the screening question in the online application form.
*The screening question must be answered by the student applicant and it can only be attempted once. The answer cannot be changed once the application is submitted. **Selection is based on students' performance in answering the questions and their suitability for the programme.**

Application
Deadline

Group A: 15 Nov 2021, 12:00 n.n

23 Dec 2021, 12:00 n.n

Group B: 15 Nov 2021, 12:00 n.n

Application Result
Release Date

Group A: 26 Nov 2021

6 Jan 2022

Group B: 26 Nov 2021

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

Schedule

Session	Date	Time	Venue (Group A - IMO)	Venue (Group B – Non-IMO)
1	5 Feb 2022	9:00 a.m. – 9:30 a.m.	Opening Introduction and Grouping (Room 105, HKAGE)	
		9:30 a.m. – 1:00 p.m.	Mini research (Room 203, HKAGE)	Mathematics Game (Room 105, HKAGE)
2		2:00 p.m. – 5:00 p.m.	Seminar (Room 105, HKAGE)	
3	7 Feb	9:00 a.m. – 1:00 p.m.	Problem Solving Contest (Room 203, HKAGE)	Problem solving Workshop & Problem Solving Contest (Room 105, HKAGE)
4		2:00 p.m. – 5:00 p.m.		

ATTENTION:

1. To prevent interruption of the activities, **students who arrive late may not be allowed to participate.**
2. For any assessment to be held in the programme, no make-up will be arranged.

Enquiries

For enquiries, please contact us on 3940 0101 or email at programme@hkage.org.hk.