

International Mathematical Olympiad (Hong Kong) Committee

**The International
Mathematical Olympiad
(Hong Kong) Committee
2012-2022**

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International Mathematical Olympiad (IMO) Preliminary Selection Contest - Hong Kong 2022

Dear Principal,

You are cordially invited to nominate gifted students in mathematics to take part in the Selection Contest. In collaboration with the Education Bureau and the IMO (Hong Kong) Committee, The Hong Kong Academy for Gifted Education hosts the annual event to select students with outstanding performance in mathematics. Follow-on training programmes will be provided for the high-achieving students in the contest. The students with outstanding performance in such training will be selected to represent Hong Kong to take part in the 64th IMO in 2023.

First held in 1959 in Romania, the IMO is the world's most prestigious mathematics competition for secondary school students. The missions of IMO are:

- (a) to discover, encourage and challenge mathematically gifted young people in all countries;
- (b) to foster friendly international relationships among mathematicians of all countries;
- (c) to create an opportunity for the exchange of information of school syllabuses and practices throughout the world; and
- (d) to promote mathematics generally.

Since the 3-phase follow-on training programmes for the high-achieving students in the contest will last for 9 months from July 2022 to March 2023, the current S6 students and those who will leave the school by the end of the school year are NOT eligible for the Contest.

Contestants are required to sit for a 3-hour examination. Questions will be set on the mathematical concepts within reach of senior secondary school students with an emphasis on the higher order thinking skill, and problem-solving ability in geometry, algebra and arithmetic.

Thank you for your support in realising the talents of students with outstanding performance in mathematics and your efforts and cooperation are highly appreciated.

Should you have any enquiries, please contact The Hong Kong Academy for Gifted Education on 3940 0101 or visit the website of the HKAGE <https://www.hkage.org.hk/en/competitions/detail/7192> for more information.

Yours faithfully,



(KP SHUM)
Chairman
IMO (Hong Kong) Committee