

IMO Training 2010-11 (Phase I)

Programme Details	
Organiser	: The Hong Kong Academy for Gifted Education (HKAGE)
Sponsor	: International Mathematical Olympiad Hong Kong Committee (IMOHKC)
Course Code	: Level I (MAT2231) Level II (MAT2232)
Objectives	: <ul style="list-style-type: none"> Level I aims to <ul style="list-style-type: none"> strengthen participants' problem-solving, high order thinking, logical thinking and enhance their interests in Mathematics via basic training; Level II aims to <ul style="list-style-type: none"> deepen participants who attended IMO Training or related Mathematical training activities via intensive training <p>Trained participants with outstanding performance would be given the opportunity to take part in cross-regional Mathematical Contests.</p>
Duration	: July to August 2010
Time	: 14:00 – 17:00
Venue	: To be confirmed
Target Participants	: <ul style="list-style-type: none"> Level I <ul style="list-style-type: none"> Student members of the HKAGE or Support Measures for the Exceptionally Gifted Students Scheme in Maths Domain OR Students who were awarded merit or qualification of training through 'IMO Preliminary Selection Contest – HK 2010'; Level II <ul style="list-style-type: none"> Student members who have participated in 'IMO Training' of the HKAGE or Support Measures for the Exceptionally Gifted Students Scheme in Maths Domain AND Students who were awarded Silver Medal or Gold Medal in 'IMO Preliminary Selection Contest – HK 2010'
Medium of Instruction	: Cantonese with English handouts
Fee	: Free of charge
Application & Deadline	: <p>Submit the completed application form</p> <p>1) by mail: The HKAGE, E326, East Block, Kowloon Tong Education Services Centre, 19 Suffolk Road, Kowloon Tong OR</p> <p>2) by fax (fax no. 2490 4730)</p> <p>on or before Monday, 12 July 2010 to the HKAGE.</p>
Result Announcement	: <p>Name list of successful applicants will be posted to the HKAGE's website www.hkage.org.hk on Tuesday, 20 July 2010.</p> <p>No further notification will be made.</p>
Award	: <ul style="list-style-type: none"> Level I Participants who attend at least 11 lessons or above with satisfactory performance will award a certificate of completion. Level II Participants who attend at least 4 lessons or above with satisfactory performance will award a certificate of completion.
Enquires	: Please contact Project Officer, Ms Shirley Kwok on 3698 3502.

The schedules are as follows:

Level I

	Date	Time	Topic	Trainer
1	29/7 (Thu)	2:00 pm – 5:00 pm	Techniques of Problem Solving	Leung Tat Wing
2	31/7 (Sat)		Primes, Divisibility, Congruences and the Riemann Zeta Function (I)	Koo Tak Lun
3	3/8 (Tue)		Inequalities	Hung Chun May
4	5/8 (Thu)		Inequalities	Hung Chun May
5	7/8 (Sat)		Inequalities	Hung Chun May
6	10/8 (Tue)		Basic Geometry (I)	Poon Wai Hoi, Bobby
7	12/8 (Thu)		Basic Geometry (II)	Poon Wai Hoi, Bobby
8	14/8 (Sat)		Basic Combinatorics (I)	Leung Tat Wing
9	17/8 (Tue)		Basic Combinatorics (II)	Leung Tat Wing
10	19/8 (Thu)		Basic Geometry (III)	Poon Wai Hoi, Bobby
11	21/8 (Sat)		Primes, Divisibility, Congruences and the Riemann Zeta Function (II)	Koo Tak Lun
12	24/8 (Tue)		Basic Geometry (IV)	Poon Wai Hoi, Bobby
13	26/8 (Thu)		Selection Test	---

Level II

	Date	Time	Topic	Trainer
1	31/7 (Sat)	2:00 pm – 5:00 pm	Geometric Inequalities	Kwok Ka Keung
2	12/8 (Thu)		Problem Solving Session	Leung Tat Wing
3	14/8 (Sat)		A Grand Review of Basic Number Theory	Koo Tak Lun
4	21/8 (Sat)		Geometry by Complex Numbers	Kwok Ka Keung
5	26/8 (Thu)		Selection Test	---