



IMO Training 2009-10 (Phase II)

Programme Details	
Organiser	: The Hong Kong Academy for Gifted Education (HKAGE) International Mathematical Olympiad Hong Kong Committee (IMOHKC)
Supported by	: Education Bureau (EDB)
Course Level	: Level I : Level II
Content Objectives	: <ul style="list-style-type: none">● Phase II Training is divided into Level I and Level II.● Level I is a basic training which aims at strengthening participants' problem-solving, high order thinking and logical thinking and enhancing their interests in Mathematics.● Level II is an intensive training to those <u>who have participated in IMO Training or related Mathematical training activities.</u> It intends to deepen participants' Mathematical problem-solving.● Trained participants with outstanding performance would be given the opportunity to take part in cross-regional Mathematical Contests.
Duration	: September to December 2009
Time	: 14:00 – 17:00
Venue	: To be confirmed
Target Participants	: <u>Level I</u> <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 2009'; <u>Level II</u> <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● Student who were awarded Silver Medal or Gold Medal in 'IMO Preliminary Selection Contest – HK 2009'
Medium of Instruction	: Cantonese with English handouts
Fee	: Free of charge
Application & Deadline	: Submit the completed application form 1) by mail: The HKAGE - SPS, E326, East Block, Kowloon Tong Education Service Centre, 19 Suffolk Road, Kowloon Tong OR 2) by fax (fax no. 2490 4730) <u>on or before Friday, 4 September 2009 to the HKAGE.</u>
Result Announcement	: Name list of successful applicants will be posted to the HKAGE's website www.hkage.org.hk <u>on Monday, 14 September 2009.</u> No further notification will be made.
Award	: Participants who able to achieve an attendance rate of <u>not less than 80%</u> of <u>all phases</u> (Phase I to III) with satisfactory performance will award a certificate of completion.
Enquires	: Please contact Project Officer, Ms Shirley Kwok on 3698 3502.

The details are as follows:

	Date	Level I	Trainer	Level II	Tutor
1	19/9	Diophantine Equations	C.M. Hung	Combinatorics	Law Ka Ho
2	26/9	Congruences	Koopa Koo	Combinatorics	Law Ka Ho
3	10/10	Sequences and Series	C. M. Hung	Problem Solving in Geometry	Bobby W. H. Poon
4	17/10	Complex Numbers	Koopa Koo	Problem Solving in Geometry	Bobby W. H. Poon
5	24/10	Test II		Test II	
6	31/10	Geometric Transformations	Bobby W. H. Poon	Techniques in Number Theory	Koopa Koo
7	14/11	Geometric Transformations	Bobby W. H. Poon	IMO Shortlist	CJ Lam
8	21/11	Quadratic Residues	Koopa Koo	IMO Shortlist	CJ Lam
9	28/11	Combinatorics	Law Ka Ho	IMO Shortlist	CJ Lam
10	5/12	Combinatorics	Law Ka Ho	IMO Shortlist	CJ Lam
11	12/12	Selection Test III (CHKMO)		Selection Test III (CHKMO)	