



# IMO Training (Phase III) 2009-10

Course Details	
<b>Organiser</b>	: The Hong Kong Academy for Gifted Education (HKAGE) International Mathematical Olympiad Hong Kong Committee (IMOHKC)
<b>Group</b>	: Level I & Level II
<b>Objectives</b>	: <ul style="list-style-type: none"><li>• Strengthening participants' advanced problem-solving, higher order thinking and logical thinking.</li><li>• Opportunity will be granted to the outstanding participants in the training to take part in related Mathematics competitions.</li></ul>
<b>Duration</b>	: January to March 2010
<b>Time</b>	: 14:00 – 17:00
<b>Venue</b>	: To be confirmed
<b>Target Participants</b>	: <u>Level I</u> <ul style="list-style-type: none"><li>• Student members which completed Phase I or II of IMO Training <b>OR</b></li><li>• Students who were awarded merit or qualification of training in 'IMO Preliminary Selection Contest – Hong Kong 2009';</li></ul> <u>Level II</u> <ul style="list-style-type: none"><li>• Student members which completed Phase I or II of IMO Training <b>AND</b></li><li>• Students who were awarded Gold Medal or Silver Medal in 'IMO Preliminary Selection Contest – Hong Kong 2009';</li></ul>
<b>Medium of Instruction</b>	: Cantonese, supplement with notes in English
<b>Fee</b>	: Free of charge
<b>Application &amp; Deadline</b>	: Submit the <b>completed application form</b> 1) by mail: The HKAGE - Student Programmes and Services, E326, Kowloon Tong Education Services Centre, 19 Suffolk Road, Kowloon Tong <b>OR</b> 2) by fax: (fax no. 2490 4730) <b>on or before Wednesday, 30 December 2009 to the HKAGE.</b>
<b>Result Announcement</b>	: Name list of successful applicants will be posted to the HKAGE's website <b><a href="http://www.hkage.org.hk">www.hkage.org.hk</a> on Tuesday, 5 January 2010.</b> <b>(No further notification will be made.)</b>
<b>Award</b>	: Participants who able to achieve an attendance rate of <b><u>not less than 80% of all phases (Phase I to III)</u></b> with satisfactory performance will award a certificate of completion.
<b>Enquires</b>	: Please contact Project Officer, Ms Shirley Kwok on 3698 3502.

The details are as follows:

	<b>Date</b>	<b>Level I</b>	<b>Trainer</b>	<b>Level II</b>	<b>Trainer</b>
1	9/1/2010	Elementary Number Theory and Techniques	Koopa Koo	IMO Shortlisted Problems	C J Lam
2	16/1/2010	Elementary Number Theory and Techniques	Koopa Koo	IMO Shortlisted Problems	C J Lam
3	23/1/2010	Problems of Coloring	CM Hung	Advanced Number Theory Techniques	Koopa Koo
4	30/1/2010	Geometric Inequalities	CM Hung	Problems in Graph Theory	TW Leung
5	6/2/2010	Elementary Number Theory and Techniques	Koopa Koo	Miscellaneous	TW Leung
6	20/2/2010	To be confirmed	YK Lau	Problem Solving Session I	Kin Li
7	27/2/2010	Functional Equations	T W Leung	Session on Advanced Geometry	Bobby Poon
8	6/3/2010	Session on Elementary Geometry	Bobby Poon	Problem Solving Session II	Kin Li
<b>APMO (Tuesday or Wednesday, 2<sup>nd</sup> week of March)</b>					