



香港資優教育學院
The Hong Kong Academy for Gifted Education

Mathematics Course (MAT1020A)

MATHS IGNITION 2011 NUMBER THEORY

08 Oct. 2011 to 29 Oct. 2011

Co-organized by

International Mathematical Olympiad Hong Kong Committee (IMOHKC)

Maths Ignition 2011 is an introductory programme. It is designed as a series of 4 courses of different topics and is developed as a bridging programme to the 'IMO Training' programme. It aims to broaden students' mathematical knowledge on the basis of junior secondary mathematics curriculum through exploration and investigation approach. **By successfully completing 3 courses in the series, students gain the required prerequisites for the programme 'IMO Training 2012'.** Maths Ignition – Number Theory is the second course of the series in 2011.

Programme Details

Date & Time	Please refer to “Programme Schedule”
Target Participants	<ul style="list-style-type: none"> ❖ All student members ❖ Priority will be given to S.1 – S.3 members in Mathematics domain
Class Size	40
Medium of Instruction	Cantonese, supplemented with notes in English
Course Requirement	<p>Certificate of Completion will be awarded to participants who are able to fulfill all the course requirements which include:</p> <ul style="list-style-type: none"> ❖ Attending all sessions AND ❖ Satisfactory performance in the end-of-course test
Intended Learning Outcomes	<p>Upon completion of the programme, participants should be able to:</p> <ol style="list-style-type: none"> 1. broaden their mathematical knowledge in the topic of number theory on the basis of junior secondary mathematics curriculum; 2. strengthen their problem solving and higher-order thinking skills; 3. learn more about the scope of the curriculum of International Mathematical Olympiad Training.
Course Fee	Free
Application Procedure & Deadline	<ul style="list-style-type: none"> ❖ Students should complete and submit the Online Application Form on the website: http://hkage.org.hk/en/sz_programmes.html on or before 22 Sept. 2011. Late application will not be considered. ❖ The application result will be announced via email to the student members by 26 Sept. 2011 (Mon). Those who have not received the email by the specified date should contact the HKAGE by phone. ❖ Successful applicants should complete the “Confirmation Slip” attached to the result announcement email and fax/mail it to the HKAGE on or before 30 Sept. 2011(Fri). ❖ Applicants on the waiting list will be notified via email or phone after 3 Oct 2011 (Mon). Otherwise, no further notice will be given.
Enquiry	For enquiries, please contact Mr Li at 3698 3498 or Mr Shing at 3698 3499.

Programme Schedule

Session	Date	Time	Venue
1	Oct 8	2:00 p.m. – 5:00 p.m.	W404, KTESC
2	Oct 15		W303, KTESC
3	Oct 22		HKICC
4	Oct 29		W404, KTESC

KTESC: Kowloon Tong Education Services Centre, 19 Suffolk Road, Kowloon Tong

HKICC: HKICC Lee Shau Kee School of Creativity, No. 135, Junction Road, Kowloon, Hong Kong