香 港 資 優 教 育 學 苑
The Hong Kong Academy for Gifted Education

Intermediate Course in Geometry (MATP2312)
(Token-required)

angle, line, shape and geometrical construction

2 November – 23 November 2013

Co-organized by Maryknoll Secondary School

Two lines intersect to form angles. Lines connect to form shapes. Therefore, lines, angles and shapes are closely correlated with many fascinating geometric properties.

This programme will investigate the angles formed by intersecting lines and parallel lines, and prove the famous Pythagoras' theorem with various methods.

Students will also acquire some geometric construction skills to draw special angles, lines and shapes.

Programme Details

Date, Time and Venue	2 November – 23 November 2013 2:00 p.m. – 5:00 p.m. Maryknoll Secondary School
Target Participants	❖ 20 HKAGE student members ❖ P5 to P6 *Priority will be given to student members who are in Mathematics and Sciences domain *Priority will be given to students who have completed Introductory Course in Geometry: Shape Up Your Math (MATP 1311)
Medium of Instruction	Cantonese
Course Requirement	**Certificate** will be awarded to participants who are able to fulfill all the course requirements which include: ❖ Attending **ALL** sessions AND ❖ Completing all the assignments with satisfactory performance
Intended Learning Outcomes	Upon completion of the programme, participants should be able to: 1. Use measurement and drawing tools such as protractors and compasses. 2. Examine the angle properties of intersecting lines and parallel lines. 3. Illustrate different proofs of the Pythagoras' theorem. 4. Draw different types of special angles, lines and shapes by using the idea of geometric construction.
Course Fee	Free of charge
Online Application Procedure & Deadline	This is a **Token-required** programme. Please visit the HKAGE website for details. 24 Oct 2013 — ● Deadline for submitting the Online Application Form. Late application will not be considered. ● Student members may withdraw from the programme on or before the deadline. Otherwise, the token will be deducted. 25 Oct 2013 PM — ● Application result released on the HKAGE website. 31 Oct 2013 — ● Deadline for submitting the "**Confirmation Slip**" via fax or email for successful applicants. ● Applicants who are on the waiting list should notify the HKAGE via email if they decide to withdraw from the waiting list. 31 Oct 2013 TO 1 Nov 2013 — ● Successful applicants should log into the "Result Announcement" webpage to confirm their enrolment status. ● Applicants who are on the waiting list will be notified via email or phone if a place becomes available. Otherwise, **no further notice** will be given.
Enquiry	For enquiries, please contact Mr. YUEN at 3940 0178 or Ms. KWOK at 3940 0179.

Programme Schedule

Session	Date	Time	Venue
1	2 Nov	2:00pm–5:00pm	Maryknoll Secondary School *
2	9 Nov		
3	16 Nov		
4	23 Nov		

** Address: 45 Choi Ha Road Ngau Tau Kok Kwun Tong (Map)*