

MATHEMATICS AND GAMES: CRITICAL THINKING AND PROBLEM-SOLVING

20 April 2018 | 5.00pm – 6.50pm

To learn and appreciate advanced mathematics using
mathematical games and puzzles.

COURSE INFO



TARGET STUDENTS

S1–S3 students who are also Hong Kong Academy for Gifted Education members.



WHAT WILL THE STUDENTS LEARN

Basic binary number system; compute arithmetic expressions; analysis of mathematical games and puzzles to develop solution strategies; creation of mathematical games in software.



WHAT WILL THE STUDENTS DO

A 1.5-hour workshop including survey, trailer, teaching, exploration of winning strategies in different games, and discussion.



PRE-REQUISITE REQUIREMENTS

No



MEDIUM OF INSTRUCTION

English



ANY ASSESSMENT

Written aptitude assessment – students will be tested on the subject matter covered in the workshop and graded using software in mobile apps.

REGISTRATION

HOW TO APPLY



Through the *Hong Kong Academy for Gifted Education* Online Application Platform

COURSE FEE

Free

APPLICATION DEADLINE

19 March 2018

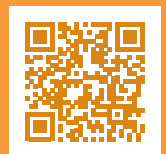
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Hong Kong Academy for
Gifted Education



"Talents, Aspiration and Excellence"
(TAE) Programme of
City University of Hong Kong