

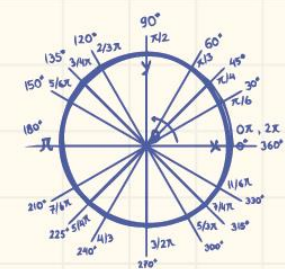
$$\text{equilateral triangle} = \frac{\sqrt{3}}{4} (a^2)$$

$$L = 1(x - 3)$$

$$x(\theta) = \cos \theta$$

$$y(\theta) = \sin \theta$$

$$-x(-2)$$

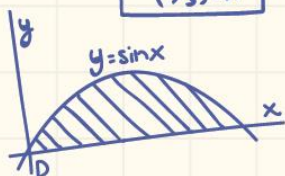


$$\text{trapezoid} = \frac{h}{2}(b_1 + b_2)$$

$$A \geq 0$$



$$\text{sphere} = \left(\frac{4}{3}\right) \pi r^3$$



$$(a-b)(c-d) = (ac-bd)$$

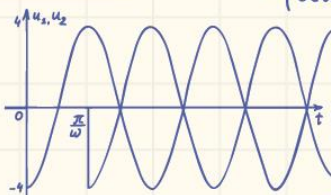
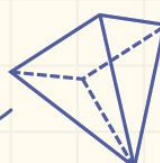
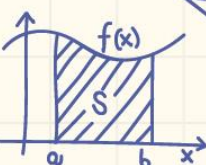


$$\prod_{i=1}^n y_i$$

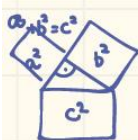


$$c^2 = a^2 + b^2$$

$$\int f(x, y, z) dz$$



$$\text{cylinder} = bh = \pi r^2 h$$

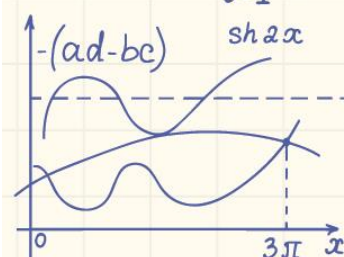


$$\text{circle} = \pi r^2$$

$$\int_a^b \int_c^d \int_e^f f(x, y, z) dz dy dx$$

$$\prod_{i=1}^n y_i$$

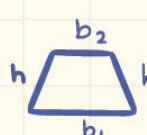
$$\sinh 2x$$



$$\text{rectangular prism} = abc$$

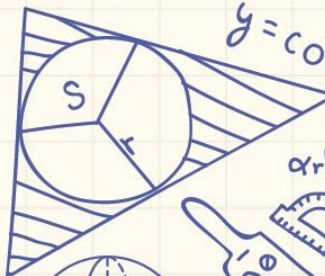


$$\sum_{i=1}^d x_i - \sum_{i=1}^n$$



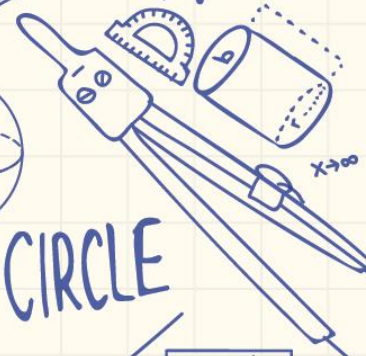
$$\text{ellipse} = \pi r_1 r_2$$

$$r^2 - 2cr \cos(\theta - \alpha) + c^2 = a^2$$



$$y = \cos x - \sin x$$

$$\alpha + \beta + \gamma = 180^\circ$$



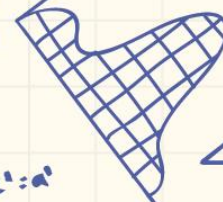
$$\sum_{x=1}^m (a_x b_x)$$

CIRCLE

$$x(t) = r \cos(t) + j$$

$$y(t) = r \sin(t) + k$$

$$\text{triangle} = \frac{1}{2} bh$$



暑期特別課程 Summer Special Course

我是數學家

I'm a Mathematician (Pre P2-P6)

重點課題 Topic Highlights

數字的魔術
The Magic of Numbers

$$73-37=36$$

$$3+6=9$$

$$51-15=36$$

$$3+6=9$$

$$29=9$$

分數、小數
和百分數的妙用
The Tricks to
Fractions, Decimals
and Percentages

40%

60%

暑假期間，我們特別推出
為期6節的特別課程，讓學生在學校課程
以外發掘數學的用處和樂趣，一邊探索數學
在日常生活、藝術、遊戲等領域的應用，
一邊提升數感和解難能力。

Our 6-lesson summer special course
is designed for students who want to investigate
and appreciate the beauty and applications
of math in different contexts such as
daily life, arts and games, outside of
traditional school curriculum.

時間的秘密
The Secrets
of Time



三角形與四邊形
Triangles
and Quadrilaterals

數學探究班

Mathematical Investigation (Pre S1-S3)

重點課題 Topic Highlights

我是數學偵探
I'm a Math
Detective!

體育競賽的數學
The Math of
Sports
Competitions

大富翁遊戲的
數學策略
To Master
Monopoly by Math

摺紙與幾何
Paper Folding and
Geometry

常規課程 Regular Course

1. 數學基礎班 General Mathematics

數學基礎班緊貼香港小學及中學數學課程，亦有針對英、美等學制而調整的國際課程。課堂教授活躍思維而又實用的估算、運算和驗算技巧，以及應對各種應用題的要訣。內容不侷限於傳統的課程框架，加入跨課題研習，以訓練學生的數感解難思維為宗旨。

Course highlights:

- Consistent with Hong Kong Primary and Secondary Mathematics Curriculum
- Syllabuses tailored for British and American curricula are also available
- Practical and mind stimulating skills for mental arithmetic and problemsolving
- Cross-topic investigations adding breadth to the traditional curriculum framework



2. 數學競賽思維班 Competitive Mathematics

本課程教授國際數學競賽中常見的解難技巧，例如倒推法、畫圖法等，讓學生靈活拆解難題，享受箇中的成就感。課程以奧數、世界數學測試，以及多個著名競賽及測試的解難技巧為本，亦會參考古今中外的著名數學謎題和遊戲。

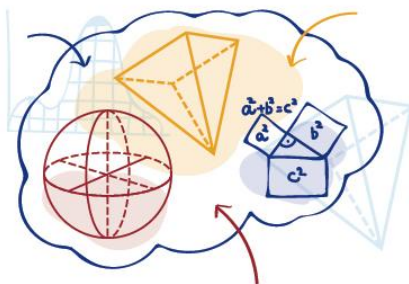
Our Competitive Mathematics class is based on the curriculum of Mathematical Olympiads. We aim to equip students with the ability to master various Math concepts in unforeseen scenarios. The syllabus also includes questions from famed Math competitions and competence tests, as well as renowned math puzzles and games from history.

3. DSE數學班 DSE Mathematics

DSE數學班以分析和熟習文憑(DSE)以及舊制會考(CE)、高考(AL)題目為主，旨在釐清概念，培養高階數學思維。課程另一核心是應試技巧，導師將教授針對各個課題的多項選擇題(MC)技巧及長題目作答技巧。

Course highlights:

- Analysis and drilling on HKDSE, HKCEE and HKALE past papers
- Coverage on all concepts to be examined in HKDSE
- Effective and efficient skills on multiple choice questions and conventional questions



導師：Michael Kan

導師簡介

簡老師畢業於香港中文大學風險管理學系，持有中國數學奧林匹克貳級教練員證書。他是DSE首批考獲數學科5**及延伸數學(M2代數與微積分)5*的考生。簡老師熱愛用有趣和生活化的方式，讓學生學會從解難中得到喜悅，從而培養自信和思考能力。簡老師亦相信適量且具針對性的練習，能促進數感的內化，提升思考速度，達到快而準的境界。

Michael is a graduate from the Chinese University of Hong Kong, with a degree in Risk Management Science. He was also awarded the certificate in Mathematical Olympiad coaching by the Chinese Mathematical Society. He was one of the first batch of candidates sitting for the HKDSE, capturing a 5** and a 5* in the core module and extended module 2 (Algebra and Calculus) of Mathematics respectively.

Michael endeavors to deliver Mathematics in an entertaining and lively approach, to share the joy of problem solving with his students, and to nurture their self-confidence and thinking capacity. He also believes drilling on essential skills can build up students' numeracy and accelerate their pace of thinking, so as to perfect every task.

數學不僅是邏輯思考的藝術，也是建構日常生活的基石，更是令人樂此不疲的解難遊戲。

M4TH3M4T1C5 appears to me as an art of logic and reasoning, a powerful tool applicable to our daily lives, and an enjoyable game of problem solving.



i-Learner Summer Mathematics Programme

智愛暑期數學課程



小學課程 Primary Courses

常規課程 Regular Courses (9/6-31/8)

級別 Grade	Pre P2	Pre P3	Pre P4	Pre P5	Pre P6
數學基礎班 General Mathematics	Sun 10:20-11:30	Sun 09:00-10:10 Sun 14:00-17:10	Sun 16:40-17:50 Wed 18:00-19:10	Sun 15:20-16:30	Sun 11:40-12:50 Wed 16:40-17:50

級別 Grade	Pre P3-P4	Pre P5-P6
數學競賽思維班 Competitive Mathematics	Tue 16:40-17:50 Wed 18:00-19:10	Tue 18:00-19:10 Wed 16:40-17:50

特別課程 Special Course (15/7-25/8)

級別 Grade	Pre P2	Pre P3	Pre P4	Pre P5	Pre P6
小小數學家! I'm a Mathematician!	Mon 10:20-11:30 Tue 10:20-11:30	Wed 11:40-12:50 Thur 10:20-11:30	Mon 11:40-12:50 Tue 14:00-15:10 Wed 10:20-11:30	Mon 14:00-15:10 Wed 14:00-15:10 Thur 11:40-12:50	Mon 15:20-16:30 Tue 11:40-12:50 Thur 14:00-15:10

中學課程 Secondary Courses

常規課程 Regular Courses (9/6-31/8)

級別 Grade	Pre S1	Pre S2-S3
數學基礎班 General Mathematics	Mon 16:40-17:50	Mon 18:00-19:10 Tue 16:40-17:50

級別 Grade	Pre S4-S6
DSE數學班 DSE Mathematics	Thur 16:40-17:50 Thur 18:00-19:10

特別課程 Special Course (15/7-25/8)

級別 Grade	Pre S1	Pre S2-S3
數學探究班 Mathematical Investigation	Tue 15:20-16:30 Wed 15:20-16:30	Thur 15:20-16:30

快來預約入學評估，費用全免!



九龍地址: 尖沙咀柯士甸道122號麗斯中心2樓

香港地址: 灣仔軒尼詩道303號協成行灣仔中心6樓