Challenging Math and Problem Solving

數學及應用問題班 **(G.3 -12)**

This course is aimed at helping students

- get a head start in their studies.
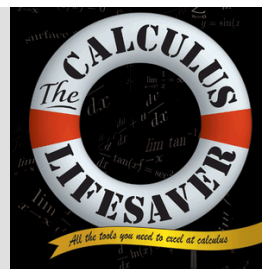- catch up in problem areas
- improve problem - solving skills

	Mon	Tue	Wed	Th	Fri	Sat
10-12						✓
12 – 2						✓
2 – 4	✓	✓	✓	✓	✓	
4 – 6	✓	✓	✓	✓	✓	

Maximum class size is 4
Fee: $41 / session
$40 / session if family of 2 or more
registering together

Ling has some chickens and rabbits.
There are 22 feet and 8 heads in all.
How many chickens and rabbits does
Ling have?

AP Calculus Course

AP Calculus Course

To get a head-start in Calculus. It will also benefit students who are going to take Math 12 and Calculus in the same course year. This is an intensive course. Students are expected to come twice a week. The following topics will be covered.
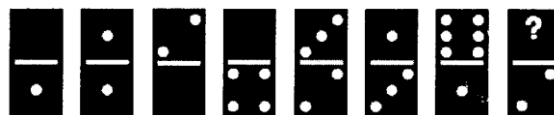
- Limits and Continuity
- Differentiation
- Graphing and Derivatives
- Applications of Derivatives
- Integration

Time : Tuesday 4 -6 p.m. and Thu 4 -6 p.m.
(Please ask for other available times)

Fee: $41 / session
$40 / session if family of 2 or more
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How many number of dots replaces the question mark?

Problem Solving Strategies Class

數學競賽準備班

(Grades 5 - 9)

It helps students to prepare all kinds of contests - Pythagoras Contest, Annual PIMS Elementary Grade Math Contest, Mathematical Olympiads, Gauss Contest and Pascal Contest. It is also an excellent course for those who prepare to take private school entrance examination.

Materials are extracted from 'Math Olympiad Contest book 'and 'Figure It Out' which most school teachers like to use to challenge students.

Time : Wed 4 -6 p.m.
(Please ask for other available times)

Fee: $41 / session
$40 / session if family of 2 or more
registering together

1. Arrange the digits 0, 0, 1, 1, 2, 2, 3, 3, 4 and 4 to form a 10-digit number so that the 0's are separated by no digits, the 1's by 1 digit, the 2's by 2 digits, the 3's by 3 digits and the 4's by 4 digits.

2. Write the answer to the following number sequence
$$50 - 49 + 48 - 47 + \ldots + 4 - 3 + 2 - 1$$

International Chess 西洋棋藝班
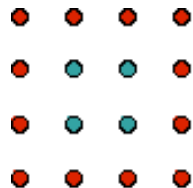
International Chess 西洋棋班

Want to learn how to play chess? Want to play a bit better? This course is appropriate for those who want to learn or advance their skills in chess. All aspects of the game will be taught in this class.

Instructor: Toni Deline, a candidate Master, a certified National Tournament Director and captain of the Vancouver Chess Team from 2004 to 2007. He has trained many provincial juniors' chess champions.
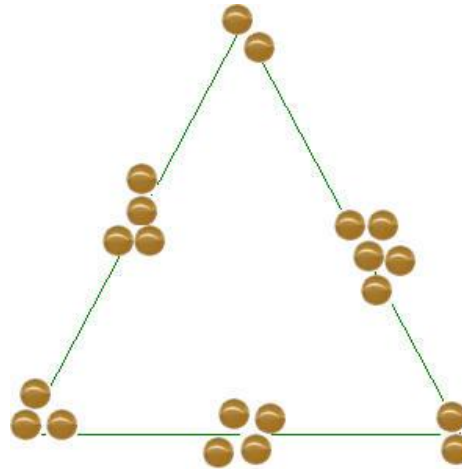
Time: July / August
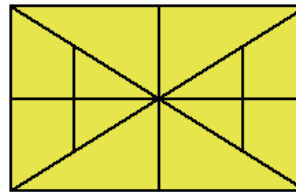 (Time flexibility, call for availability)

The following is an square array of 16 dots with 4 rows and 4 columns. The red dots are on the outside of the array. If you use 144 dots to form a square array,
How many dots are on the outside of the array?

6 piles of marbles are arranged in a triangle pattern. Each side of the triangle has total of 9 marbles. Add 1 more marble to one of the piles, so that the total number of marbles on each side remains 9. You are allowed to move the marbles but not take any out.

How many triangles are there?

For registration and inquiries,
please phone Maria
604-263-4567

Summer @ 1 2 3

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