



Winter Program for the Gifted and Talented 2008 (Activity Summary and Snapshots)

1. Winter Program for the Gifted and Talented 2008 Application

From December 20, 2008 to January 31, 2009, the Program for the Gifted and Talented organized Winter Program for the Gifted and Talented 2008, which was specially designed for Primary 3 to Secondary 7 students. The program aimed at enhancing students' knowledge in various areas and subjects. "Winter Program 2008" was well-received by students and in total there were more than 600 applications. Among those who have passed the selection process, 23 students were awarded "Madam LAW TSE Yin Man Scholarship" and 21 students were awarded "PGT Scholarship".

2. Winter Program for the Gifted and Talented 2008 Activity Snapshots

There were 28 courses in this program, 15 courses were for primary students and 13 were for secondary students. Various teaching methods including games, discussions, role play, experiments and field trips were used in the courses. The followings are some of the highlights:

Primary Section



Besides training students to be more creative, the "Creative Thinking Training Course" also taught students the importance of cooperation in group work. As shown in the picture, students were asked to write the Chinese words "合作" with pens and lines but with the restriction that no one could touch the pens. Students experienced the difficulties in cooperation and they had to make appropriate adjustment in order to accomplish the tasks.



Under the guidance of instructor, students in "Creative Digital Art Classroom – Digital Cartoon for Beginners" learnt digital drawing skills and artistic creation. Their skills in computer applications were enhanced.



Students in “The Wisdom of Daily Life Sciences” studied the light refraction theory. They also made their own kaleidoscopes with simple materials. As shown in the picture, students were all working on their kaleidoscopes and enjoying it a lot.



Students in “Learning Vocabulary with Fun” learnt English vocabularies through various kinds of activities such as games, role play and readings sharing. Everyone was fully absorbed in the activities. They also made a lot of friends in the course. Look! They were so energetic!



In the class “Introduction to Mathematical Puzzles 2008” , students could get a taste of various kinds of challenging mathematic games. Instructor taught students different mathematics theories through games. After each game, Mr. Lung would invite students to share their ideas and discovery. It helped to strengthen what they have learnt.



Students in “Colourful World: Painting and Craft Studio” not only worked individually, but also had chances to work in groups. Students have learnt a lot from their teachers as well as their working partners. The course was definitely a source of fresh ideas and inspiration for students.



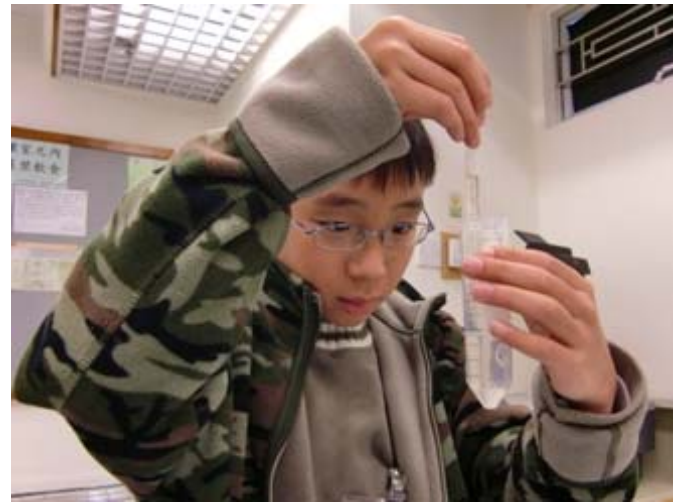
Students in the class of “Managing Emotions” learnt different ways to handle their emotions. In the photo, students were doing role play after group discussion. They applied what they learnt in coping with difficulties and challenges. Through the activities, students gained knowledge from observing others and receiving feedback from instructor and classmates.



Students in “Comprehensive Oral Skills Training” learnt the basic skills of communication, for example, interpersonal communication skills, oral reading, recitation, public speaking and debate, etc.. In the photo, students received their certificates from the instructors.



Students in “Comprehensive Oral Skills Training – Advanced Course” further improved their oral skills. Mr. Sung was very devoted in teaching. In each session, he provided explanation, demonstration and feedback to students and helped them improve and sharpen their oral skills.



In “The Wisdom of Daily Life Sciences – Advanced Course”, the student was very concentrated on doing experiment to make a tool which was used to observe how yeast breathed. He looked like a real scientist!



Students in “The Many Voices of Putonghua – Advanced Course” had great passion in drama and Putonghua. Under the instruction by the course instructor, Mr. Yau, students who shared the same interest were able to create and perform a drama. Besides, they could further polish their skills in performance and learn how to express themselves. They all had the potential to be professional actors and actresses.



Students from “The Art of Mathematics” followed the instructions to make 3D models which required precise calculations. At the same time, they had to work hard during the process. Her smile tells how satisfied she was.



“Mathematical World Beyond Imagination” aimed at training student to be more perseverant and helping them to develop mathematical mind. Students discovered the relations between everyday life and mathematics. They got to know that even the simplest thing in life could involve many complex mathematical theories.



In the class “New Wonders in Chinese Learning”, instructor taught in a funny and vivid way which enhanced students’ interest in Chinese writing. Students got along well with instructor and they all had a great time together.



“Mathematical Puzzles 2008” was designed for training students’ problem solving skills through games and activities. They learnt how to use lateral and diffusive thinking at the same time.



Secondary Section



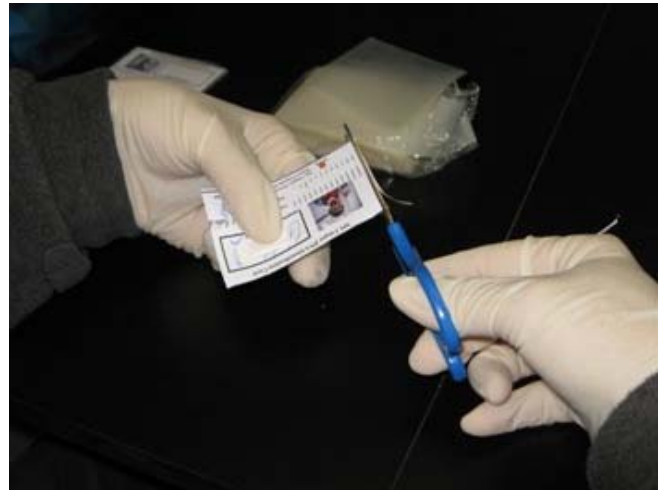
Instructor of “Our Living Planet” made use of materials in daily life to demonstrate volcanic eruption and formation of mountains. In addition, he organized a field trip to a quarry where they collected different kinds of rocks back to the laboratory for investigation. Instructor taught them the characteristics and categorization of the rocks.



In “The World of Logical Thinking – Contract Bridge for Beginners”, instructor guided students to play Contract Bridge and assist them to analyze the key points in playing the game. The course enhanced students’ logical thinking skills and ability to plan.



Instructor talked about the features of digital files and their application in daily life in “Creative Digital Art Classroom – e-Portfolio for Beginners”. Students were all very attentive.



“Your Unique DNA” introduced molecular biological technique. Each student was given a chance to extract his or her own genes or protein to create a unique DNA identity card.



Students in “Insights from Nature” had chances to get in touch with different kinds of plants and animals. In the picture on the left, a student was holding a snake in her hands. This provided a great opportunity for students to study the features of snakes closely. In the picture on the right, three students had just finished extracting the DNA from different seeds for further experiment.

In addition to the courses listed above, there were secondary students who had joined other courses. In the last lesson, all students took a photo with their instructor. The followings are some of the photos:



“Workshop on Public Speaking Skills”



“Introduction to Advanced Mathematics: Algebra and Calculus”



“The Psychology of Thinking: An Introduction”



“The Philosophy Gym”



“A Glance at the Physical World”



“Liberal Studies: An Introduction to Philosophy, Religion and Scientific Culture”

3. Winter Program for the Gifted and Talented 2008 Overall Comments

In order to know more about students' understandings and comments towards the courses, they were asked to fill out evaluation forms at the end of each course. The survey items included the overall satisfactory level of the course (1=extremely disagree, 5=extremely agree). Among all the 28 courses, 90% of them achieved a satisfactory level of 4 or above. "Comprehensive Oral Skills Training – Advanced Course" and "Contract Bridge for Beginners" even scored an average rate of 5, which indicated that all students were very satisfied.

The followings are some of the comments written by our students:

Learning Vocabulary with Fun

"I like this class and can learn many things"

"I like this lesson, because I have so much fun!!"

"我對這個課程最深刻的地方是我們的導師 (Miss Lee), 因為她非常有耐心"

數學智力遊戲初探 2008

"我對這個課程最深刻的是火柴遊戲, 因為我覺得這些遊戲又好玩又有趣"

"我喜歡有趣的曲線, 因為它可以用直線做成拋物線、雙曲線、繡曲線和其他想不到的形"

"很高興, 因為後面有個「數學天才」常常教我"

情緒小管家

"導師的教學態度與學校的教師很不同, 因為教學非常認真及細心, 並且教我們包容別人"

"非常開心認識到這麼多的同學"

"學懂如何控制情緒, 使我減少發脾氣"

語文學習新趣味

"我喜歡的是作詩, 最深刻的是第一節課"

"這課程令我對中國文學文化更有興趣"

"希望老師可以在下一次再教我們"

生活科學的智慧——進階班

"最深刻是學會取植物的 DNA, 因為平時只覺得 DNA 是很高深, 要到中學或者大學才可以接觸"

"並不是完全不能在家中做實驗, 可以在家中玩這些!"

數學智力遊戲 2008

"數字十八環容易玩, 且能加強我們的心算能力"

"我最喜歡的遊戲是數字行棋, 可以訓練我們的邏輯, 我也喜歡「合 24」, 因為它可訓練我們的速算, 兩個遊戲都非常好玩!"

"我最深刻或喜歡的是玩「數學行棋」、「九珠轉動遊戲」, 因為可以動腦筋"

基因身份證

“最深刻是培植細菌和抽取自己的 DNA”

走進邏輯分析世界 —— 合約橋牌入門

“合約橋牌叫牌過程及最尾的 1320 分...
見證了 nothing is impossible”

管窺物理世界

“最喜歡過冷現象及彩虹的成因”
“導師教導有方，課程有趣”
“對中一生來說較難（力學部分），
其他部分有趣”

生命啓示錄

“我最喜歡觀察動物的一節，能親身觀看
各種不同動物的活動，是一件令我不亦樂乎的事情”
“Dr and Carman 非常好人，講解清楚並充滿熱誠。實驗非常好玩”

演講技巧工作坊

“很多具挑戰性的題目讓我們去發揮”
“老師講解清晰，時間安排佳，練習充足”
“Great and very fulfilling course !”

高等數學入門 —— 代數與微積分

“我對這個課程最喜歡的就是導師的耐性，他沒有急於把課程全部內容教授給我們。除此之外，他不介意重溫上一節內容，而且態度友善。很多時候我們嘗試做題目，他都會在房中走來走去，為我們講解。導師讓我明白到數學(微積分)的趣味性和重要性，而不只是一堆公式。”