



## Winter Program for the Gifted and Talented 2009 (Activity Summary and Snapshots)

### 1. Course Application

*Winter Program for the Gifted and Talented 2009* was organized by the Program for the Gifted and Talented organized from December 19, 2009 to February 20, 2010. The program was specially designed for Primary 3 to Secondary 7 gifted students and aimed at enhancing students' knowledge in different aspects. In total, 740 applications were received. Among students who were admitted to the program after the selection process, 53 of them were awarded “Madam LAW TSE Yin Man Scholarship” and “Scholarship from Parents’ Donation”.

### 2. Activity Snapshots

Among the 35 courses held in the *Winter Program for the Gifted and Talented 2009*, there were 20 courses for primary students and 15 courses for secondary students. Courses covered the areas of creativity, languages, mathematics, oral skills, arts, natural science, social science, emotion management and personal development etc. Under the close supervision of instructors, students learnt from lessons, games, discussions, training, experiments and field trips, and consolidated their knowledge by collaboration and sharing with classmates. They also built learning support network and gained friendship from the courses. The followings are some of the highlights:

#### Primary Section



Students of “Learning Vocabulary with Fun” studied vocabularies in groups. They were very focused on their work.



In “Creative Thinking Training Course”, students showed their creativity and team spirit in completing their tasks. They had to cut a big loop without any joints, which can circle 4 group members, from a piece of small paper.



In the class of “Introduction to Mathematics Puzzles 2009”, students were seriously working on challenging mathematic problems. They were also trained to be more creative in problem solving.



During the classes of “The Wisdom of Daily Life Sciences”, students planted green bean from seeds. They observed how the plants grew in each session and discussed what factors affecting their growth. Students all shared their views actively.



Students of “A Colourful World – Painting and Craft Studio” made a breakthrough of the traditional painting styles and used both painting and crafting techniques to create “Beautiful Tree”. The artwork had a rich texture.



Students learnt to use computer software to create cartoon animals in the class of “Creative Digital Art Classroom – Digital Cartoon Creation for Beginners”. They also learnt the skills in creating animations. This student made a colorful and animated pinwheel.



In “Managing Emotions”, students learnt and practiced how to manage their emotions effectively when they faced difficulties. After the course, students built-up friendship with each other and took a happy group photo.



Students of “Painting an English World with Words” practiced their oral skills by simple cooking demonstration, mini drama and story presentation. They also showed their creativity through writing recipe, scripts, poems and stories.



Students tried to make a breakthrough of the traditional way of solving mathematic problems in “Back-of-envelope Calculation and Sketching”. They used back-of-envelope calculation and sketching to solve real-life problems. The students were all very enthusiastic and made use of their break time to ask questions.



In “A Beautiful World – Visual Arts Training Course”, students incorporated painting and collage to create an artwork of city life.



After spending 3 days on studying thinking skills and participating in a field trip, students in “Thinking for the New Millennium” designed models of their ideal Harbour Front Park. On the fourth day, they presented their design and ideas in the report session. The above picture shows one of the groups and their model.



Students of “Creative Digital Art Classroom – Digital Chinese Painting for Beginners” learnt to use a computer software, Microsoft Expression, to draw vegetables, flowers, goldfish, bamboo and animals in Chinese painting style.



“The Wisdom of Daily Life Science – Advanced Course” aroused students’ interests in science by simple experiments. Students in the above picture were observing yeast’s respiration using a self-constructed device and analyzing the experiment results.



Students of “Comprehensive Oral Skills Training” received their certificates from the instructor and took a group photo. During the classes, they learnt and practiced their public speaking skills. With the instructor’s immediate feedback, students showed good progress in the course.



In “Comprehensive Oral Skills Training – Advanced Course”, students worked in pairs to share with others their “Ways to Success”, the cadence in their voices. The confident expressions and body languages proved to be very convincing.



Students of “Mathematical World Beyond Imagination” learnt that mathematics is more than just formulas and calculations. It is actually full of fascinations and mysteries. Students were deeply inspired by the instructor’s knowledge in mathematics.



In the classes of “Resiliency Enhancement Program for Gifted Children”, students learnt to handle difficulties and disturbances through games and case analysis. They enjoyed the course a lot.



Instructor of “Getting to know Latin” taught students basic Latin pronunciation and grammar. Students performed a mini drama in Latin with their group members after practicing. They were very committed in their roles and showed their potentials in learning Latin.



The class of “The ‘Art’ of Mathematics” integrated mathematics and art. From geometric calculation to the concept of golden ratio, the course had led students to learn mathematics from the aspect of art. The above picture shows the work of one of the students.



Students of “Mathematic puzzles 2009” used 3-dimensional puzzles called Pentomino to build up their special sense. It also helped the students to strengthen their systematic searching problem solving skill.

## Secondary Section



Instructors and students of “Mathematics Enrichment Course” all shared their passion of mathematics. They enjoyed the course a lot as they can pursue their favourite subject knowledge.



“Funny Laboratory of Earth Science” helped students put theories into practice through a real walk in the Hong Kong National Geopark. They were amazed by Mother Nature’s power of creating interesting geology.



In the class of “Workshop on Public Speaking Skills”, students not only learnt public speaking skills, but also gained friendship. As you can see from the above photo, they have become good friends already after a few lessons!



Students of “The World of Logical Thinking – Introduction to Contract Bridge” practiced contract bridge. It was a challenge to memory skills, logical thinking skills and their ability to plan.



Students of “Your Unique DNA” had a chance to attend classes in the university laboratories. They used the laboratory apparatuses to conduct experiments and made a personal genetic identity card from their own mouth tissues!



The instructor of “Insights from Nature” demonstrated the extraction of DNA from different plants and fruits. Students paid close attention and learnt with heart.



The instructor of “Introduction to Psychology” showed students the way to the world of psychology and helped them to understand themselves and others. They took a group photo in the CUHK campus after the course.



Students learnt web-page management, designing software and digital art in the course “Creative Digital Art Classroom – Web Gallery Design for Beginners”. Upon completion of the course, they were able to create their own web gallery!



The instructor of “Open Country Tracing of Chinese Herbal Medicine” introduced basic Chinese medicine to students and took them to Tai Po Kau Special Area to identify common Hong Kong medicine herbs.



The instructor of “Economics Zone” used real-life cases and examples to introduce economic theories to the students, and let them experience how free market allocates resources efficiently.



Different philosophical problems were discussed extensively in “The Philosophy Gym”. The course aimed to train students’ analyzing, thinking and expressive skills. In class, the instructor led students to analyze rationally the discussion topic. The skills they learnt in this course are useful in liberal studies.



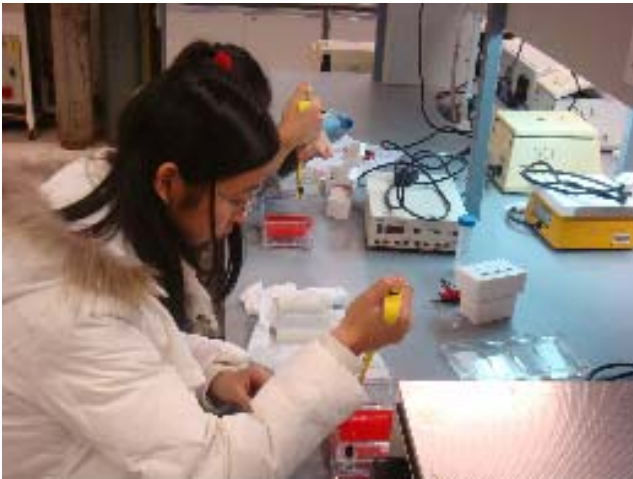
Students of “Presenting at Your Best” learnt to express themselves by using role identity, voices, intonation, facial expression and body languages. Their skills were properly trained through presenting stories, case analysis and public speaking exercises.



The tasks in the class of “Personal Growth and Talent Development” helped students to understand more of themselves. Their confidence, communication skills, problem solving skills and leadership skills were also enhanced by their own reflection and instructors’ feedback. The above picture shows students trying to complete a challenging task in which all group members were blindfolded except the commander. It was a test of communication and cooperation.



“Critical Thinking and Debating Skills” emphasized both thinking skills and public speaking skills. Students used high-order thinking to analyze arguments and their bases, and convince audience with appropriate voice, stress, pauses, intonation and manner. They had been working very hard to successfully complete the course!



“Genes, Cells and Biotechnology” introduced students to the basic theories of biotechnology and how it helped the human race to understand genes, spread of virus, prevention and treatment of illnesses. The above picture shows a student experiencing the application of biotechnology. She was experimenting DNA fingerprinting.

### 3. Feedback and Overall Comments from Student Participants

In order to know more about students’ understandings and comments towards the courses, they were asked to fill out a course evaluation form at the end of each course. The items included the overall satisfactory level of the course they attended on a scale of 1 very dissatisfied to 5 very satisfied. Among the 35 courses in the Winter Program, 90% of them achieved a satisfactory rating of 4 or above. “A Colourful World – Painting and Craft Studio”, “A Beautiful World – Visual Arts Training Course”, “Creative Digital Art Classroom – Digital Chinese Painting for Beginners”, “The Wisdom of Daily Life Science – Advanced Course”, “Comprehensive Oral Skills Training”, “Comprehensive Oral Skills Training – Advanced Course”, “Workshop on Public Speaking Skills”, “Insights from Nature”, “Critical Thinking and Debating Skills” and the new course “Presenting at Your Best” even achieved an overall satisfaction rating of 4.5, which indicated that students were very satisfied with the courses.

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

**Learning Vocabulary with Fun**

“I can play with all my classmates.”

“I like Hangman spelling game the most.”

**創意思維訓練班**

“我最喜歡進化方程式玩戲”

“我最喜歡智取乒乓球”

“很有趣、很愉快，非常暢快！好開心！”

**數學智力遊戲初探 2009**

“我最喜歡的遊戲是巧環繩板類遊戲和河馬遊戲，因為河馬遊戲可助我們有系統地找答案。”

“我很高興可以來到這裏，因為這個課程可以給我一些沒有看過的數學題。所以我很高興可以參加資優數學課程。”

“我感到開心因為阿 sir 設計了這麼多好玩的遊戲和推薦了這麼好玩的網站，好耶！”

**繽紛世界——繪畫手藝創作室**

“導師耐心對我們，令我們更容易明白”

“這課程能提升我畫畫的興趣”

“我最喜歡「美麗的樹」”

**生活科學的智慧**

“我最喜歡的是製作氣墊車”

“The teacher was nice and she was responsible ! ”

“我學到很多新的科學知識。”

“我很喜歡種綠豆的過程。”

**創意數碼藝術教室——數碼卡通創作入門**

“可以學到怎樣用電腦製作動畫”

“最喜歡可以玩 Flash”

**情緒小管家**

“最深刻是可以了解情緒”

“可以學到思想陷阱”

**Painting an English World with Words**

“A wonderful lesson and make me have more creative ideas about English writing”

“I like the cooking competition the most”

“Very enjoyable”

**估估畫畫——猜量推算初班**

“導師教我很多新知識”

“我最喜歡出外活動和計量”



### 思考創世紀

“我最喜歡到大埔海濱公園考察的環節”

“我最喜歡做公園模型”

“Happy~認識到很多朋友，參與活動的時間也十分足夠”

### 美妙世界——視覺藝術培訓班

“全部畫都要很有創意”

“我最喜歡自畫像 / 超現實主義”

“我最喜歡用點描法畫畫”

### 創意數碼藝術教室——數碼國畫入門

“我最喜歡的是比以前有更多機會接觸 expression 這個軟件”

“我最喜歡用電腦畫動物”

### 生活科學的智慧(進階班)

“我最喜歡泡泡大派對”

“最深刻是抽取 DNA、看指模和血跡”

“I like yeast breathing the most”

### 小小語言家綜合口才訓練

“最深刻是第一堂宋老師請我出去演講的時候，我非常的害羞，但慢慢我就不再害羞了，反而很想宋老師請我出去講”

“我最喜歡辯論，因為這是我第一次參與，而且過程很刺激”

“我希望可以繼續報讀這個課程”

### 小小語言家綜合口才訓練(進階班)

“我最喜歡二人朗讀和對布偶對話”

“好好玩呀！喜歡本課程的老師、姐姐和同學”

“我在這個課程中學習到很多東西！希望再有類似的活動”

### 超乎想像的數學世界

“我最深刻是數學可以變魔術”

“我最喜歡網上數學遊戲”

**抗逆先鋒**

“我最深刻是抗逆 ABCDE”  
“這課程讓我認識到怎樣抗逆”

**幸會拉丁語**

“這課程加深我對外文的興趣，希望以後有更多其他外文的課程”

“What I like best in this course is doing the latin drama”

“有許多網上的資源可參考，非常好”

**創意數學紙中尋**

“我最深刻是創作自己的 building，很好玩”

“我最喜歡作 pop-up card 及立體圖形”

**數學智力遊戲 2009**

“我最喜歡 Quarto，因為它有很多不同的方法去 win”

“這個課程能提升我解決數學難題的能力。sir，謝謝你！謝謝你幫助我”

“很好玩，令我樂而忘返。I am excited, very happy. 好想再玩”

**數學增益課程**

“我最喜歡有趣的計分遊戲”

“我最深刻的是 Mathemagic”

**趣味地球科學實驗室**

“我最喜歡出外實地考察”

“我最深刻的是可以拾到很多有趣的石頭”

“我最喜歡做實驗”

**演講技巧工作坊**

“我最深刻是老師的熱誠，教導的內容很適合”

“Mr Sung is an excellent teacher. Very informative and his teaching is very interesting”

“我最喜歡天才表演節目”

**走進邏輯分析世界——合約橋牌入門**

“以前未曾接觸過橋牌，所以有新鮮感”

“我最喜歡橋牌比賽”

“Very good! 很開心！很有趣！”

**基因身份證**

“難得可以嘗試平日學習不到的事情，最深刻也是做實驗的時候”

“抽取 DNA 的過程，留下了深刻的印象。當見到 DNA 抽取出來時感到非常興奮”

“我最深刻是製造自己個人的基因身份証”

“知道如何培植細菌，原來一個實驗室是需要這麼多設備的！”

**生命啓示錄**

“我最深刻是動物不同的形態及功能，還有 DNA 排序”

“我最喜歡製作種籽飛機”

“課程有趣，資料有幫助”

**心理學初體驗**

“我最深刻是異常心理學”

“Psychology is very interesting”

“老師好好人，好親民”

**創意數碼藝術教室——網上畫廊設計入門**

“The whole new world it exposed me to. I never knew IT was so exiting.”

“我最深刻是能設計自己的網上畫廊”

“這個課程讓我明白更多製作網頁的概念”

**Presenting at Your Best**

“I like the anatomy of presentation and presenting story telling”

“The course was great”

“I like everything”

**中草藥野外追蹤**

“我最喜歡的是到野外追蹤中藥”

“我最深刻是製藥，炒環留行籽”

“我最喜歡吃山楂餅及龍眼乾”

### 修身展才

“最深刻是矇眼玩遊戲，特別是飛象過河、手忙腳亂、草地玩的 game。玩得好開心！”  
“可透過遊戲找出意念，OK”

### 批性思考與辯論技巧

“學到很多課外知識，認識了一班實力強和對辯論有熱誠的同學和一位幽默的老師”  
“導師非常有熱誠，經常鼓勵學員及找出他值得讚賞的地方，令各人更有信心，同學更能切磋、交流。導師本身已是很專業的演講者，非常吸引”  
“能於辯論中認識多角度思考和論證的技術”

### 哲學健腦室

“課程中大部分課題與生活有關且趣味頗高，令我在平日思考時都會運用相關知識”  
“課程令我思維邏輯更清晰，而且發現了過去自己生活中也有很多謬論，十分有趣”  
“知道了科學的基礎，對悖論有基本認識”

### 經濟學特區

“I like everything”  
“導師講解生動有趣”

### 基因、細胞與生物工程

“I like DNA fingerprinting, bacteria culturing and the whole course”  
“I am really glad that I can join this course and meet lots of new friends. I really hope to learn much more about DNA and biotechnology. It amazes me how complicated life can really be. It broadens my horizons.  
“Professor is very good, willing to explain anything we asked”

Should you have any enquiry, please feel free to contact us at 26033-7444 / 2603-7463 / 2603-7485.