



Spring Program for the Gifted and Talented 2010 (Activity Summary and Snapshots)

1. Course Application

Spring Program for the Gifted and Talented 2010 was organized by the Program for the Gifted and Talented during April 4 to May 30, 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, more than 600 applications were received. Among students who were admitted to the program after the selection process, 43 of them were awarded "Madam LAW TSE Yin Man Scholarship", "Scholarship from Parents' Donation", and "PGT Scholarship".

2. Activity Snapshots

Among the 27 courses held in the *Spring Program for the Gifted and Talented 2010*, there were 17 courses for primary students and 10 courses for secondary students. Courses covered the areas of creativity, languages, mathematics, oral skills, arts, natural science, social science, emotion management and personal development. 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 in "Creative Thinking Training Course" made use of creativity and collaboration to complete difficult tasks assigned by the instructor.



In "Interactive English Through Drama", students enhanced the ability to express themselves in English through drama. The students looked excited and energetic!



In “Introduction to Mathematical Puzzles 2010”, students strengthened the problem solving skills through various kinds of mathematical games. Look, all students indulged themselves in the beauty of the mathematical world.



The “young artists” in “A Colourful World — Painting and Craft Studio” were attentively using the skills learnt from the course to complete their art works.



In “Creative Digital Art Classroom — Life in the Deep”, students learnt different kinds of software to draw and create a lively and vivid marine world.



Instructor of “Back-of-envelope Calculation and Sketching” taught students different skills of calculation and sketching. The photo shows how they made use of the knowledge and skills learnt to design the most efficient route to the destination on CUHK campus.



“English for Everyday Situations” assisted students to build up vocabulary through different kinds of activities about everyday topics.



In “A Beautiful World — Visual Arts Training Course”, students grasped more advanced and in-depth skills in visual arts. At the end of the course, they took a group photo with the instructor.



Through successive practices and feedback from the instructor, students in “Comprehensive Oral Skills Training” were able to give touching and charismatic speech.



In “Comprehensive Oral Skills Training — Advanced Course”, students further enhanced their skills in reciting and giving speech, which made them stand more confidently in front of the public.



Students in “Creative Digital Art Classroom — Digital Graphic Design for Beginners” learnt to use software to design and create different kinds of digital art works.



In “Through Scientific Study of Genetics Through Fruit-flies”, students grasped the basic knowledge of genetics through culturing of fruit-flies.



Students in “Mathematical Puzzles 2010” acquired higher order problem solving skills through different kinds of mathematical games. From the photo, you could imagine how happy they were.



In “Dear Cells!”, students learnt to analyze the structure of different kinds of cells using microscope.



Through Origami, models making, paper sculpture, etc., students in “The 'Art' of Mathematics” understood the relationship between maths and arts. Apart from acquiring knowledge in mathematics, students could enjoy its beauty.

Secondary Section



In “Mathematics Enrichment Course”, students’ high order problem solving skills were nurtured and enhanced through various kinds of mathematics questions.



Students in “Funny Laboratory of Earth Science” learnt the theories of volcano eruption, geologic formation, etc. through field trips and simulation experiments.



Guided by the instructor and through successive practices, students in “Workshop on Public Speaking Skills” stood on the stage and spoke confidently in front of the public.



In “Creative Digital Art Classroom — Web Gallery Design for Beginners”, students learnt the skills of digital arts, webpage programming, web gallery design, etc.. Students were attentive in the lesson.



Through field trips and experiments, students in “The Wonderful Marine Organisms” investigated the marine ecology of Hong Kong and understood the relationship between marine and human beings.



In “Personal Growth and Talent Development”, students built up self-understanding and team work spirit through different kinds of challenging tasks. Look, trust and collaboration were revealed among the students.



In “The Psychology of Thinking: An Introduction”, students learnt how human beings think, such knowledge facilitated their understanding of self and others.



Students in “Economics Zone” learnt how to analyse different economical situations and the development of the society through the perspectives of economics.



Students in “Genes, Cells and Biotechnology” got the opportunity to use advanced equipments in the university laboratories to study Biotechnology.

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 evaluation form included items assessing their overall satisfactory level of the course they attended on a scale of 1 (very dissatisfied) to 5 (very satisfied). Among the 27 courses in the Spring Program, courses with overall satisfaction rating of 4.5 or above included: "Creative Thinking Training Course", "Creative Digital Art Classroom — Life in the Deep", "Be Free and Expressive — Putonghua Drama Training Workshop", "Comprehensive Oral Skills Training", "Comprehensive Oral Skills Training — Advanced Course", "Creative Digital Art Classroom — Digital Graphic Design for Beginners", "Mathematical Puzzles 2010", "Dear Cells!", "The 'Art' of Mathematics", "Funny Laboratory of Earth Science", "Workshop on Public Speaking Skills", "The Psychology of Thinking: An Introduction", "Genes, Cells and Biotechnology", and the new course "Scientific Study of Genetics Through Fruit-flies - Class B".

The followings are some of the comments from our students:

《創意思維訓練班》

“很有趣和很有創意”

“這個課程讓我認識一些新朋友”

“我喜歡小小劇場和動物園的環節”

《Interactive English Through Drama》

“I like Silly Walk”

“I feel very happy!”

《數學智力遊戲初探 2010》

“最喜歡的遊戲是邏輯智力遊戲和方格填色遊戲，因為可以幫助腦部思考。”

“這裏的老師和助教十分和藹，常常跟我們說笑。我真是非常高興。”

“我覺得這些活動可以擴闊我們的眼界。”

《繽紛世界 —— 繪畫手藝創作室》

“我最喜歡《美麗的樹》的課節”

“這個課堂讓我學了很多創意的方法”

“開心，因為可以學到很多知識”

《創意數碼藝術教室 —— 海洋世界寫生》

“我最喜歡的是可以利用電腦學習到繪畫的程式及技巧”

“我最喜歡就是畫毛蟹”

“我很開心可以認識很多同學，可以互相溝通。”

《估估畫畫 —— 猜量推算初班》

“最喜歡出外做定向”

“十分 happy”

《English for Everyday Situation》

“I like Restaurant Recipe and PGT Newsletter”

“Good! Interesting!”

《自在·表演 —— 普通話話劇培訓班》

“我最喜歡跟同學一起表演”

“創意啟發及團體之間交流的活動令我印象深刻”

《美妙世界 —— 視覺藝術培訓班》

“最喜歡 Painting and city life 這一節課”

“最喜歡第五節課：用 A 和 p 來設計花紋”

《小小語言家綜合口才訓練》

“我最喜歡表演、朗誦、辯論”

“能學到各種口才的技巧”

“十分好，老師很出色”

《小小語言家綜合口才訓練(進階班)》

“最喜歡才藝表現和辯論活動”

“我覺得這個課程很有意思”

“我覺得這個課既能學習，又開心，很多元化。”

《創意數碼藝術教室 —— 數碼圖像設計入門》

“最喜歡第三節課，因為做 3D 模型。”

“我認識了很多好朋友，老師非常好人。”

《基因「蠅」中尋 - A 班》

“我最喜歡抽取洋蔥 DNA 及培植果蠅”

“大大提高我對 DNA 的興趣”

《基因「蠅」中尋 - B 班》

“最喜歡做關於果蠅熱和冷的實驗”

“非常開心可以學到有關 DNA、細胞和果蠅的知識”

《數學智力遊戲 2010》

“呢個課程太好玩啦！我最鍾意就係河內塔、星際迷宮遊戲、索馬立體和 spin out!”

“我很喜歡這個課程，我玩得很開心，希望下次可以再參加多一次這課程。”

“我在這課程中感到十分超級快樂、開心，希望有多些堂上就更好。”

《細胞，你好！》

“我最喜歡的項目是酵母氣球，因為等待它升起時很有趣。”

“我最喜歡把麵包碰不同的地方，再看看有多少霉菌生長”

“我對此課程非常滿意”

《創意數學紙中尋》

“我最喜歡的是利用分數維製作折疊咭”

“學會如何建造很多建築物”

《數學增益課程》

“最喜歡射 24 碼及密碼學”

“開心、滿意”

《趣味地球科學實驗室》

“We were able to go on field trips, not always study in the classroom. Also, we conducted some funny experiments. Lastly, we were able to see real life examples”

“學到很多有關岩石的知識，懂分辨岩石感到很自豪。”

“I love it. Best class so far!!”

《天南地北話通識》

“老師教學中常舉不同例子，相對論部分以淺白文字作教學，易明。”
“喜歡達爾文的進化論及宗教部分”
“課程吸引我，非常有趣。”

《演講技巧工作坊》

“十分喜歡老師的教學方式及學員之間的交流”
“整體課程很好”

《創意數碼藝術教室 —— 網上畫廊設計入門》

“這個課程我最喜歡的是有很多的不同軟件，以及一些 design 的軟件，對我的美術設計有很大幫助”
“I think that this program taught me a lot more about webpage than the school did”

《海洋生物揭秘》

“令我認識了大量海洋知識”
“十分喜歡做濾水器實驗”
“好玩，但太少堂令人意猶未盡。”

《修身展才》

“蒙眼寫字 → 可學會體諒別人處境及學會細心聆聽指示”
“不同活動有不同的挑戰”
“很好及滿意”

《思維心理學入門》

“I like problem solving the most”
“Everything is good”

《經濟學特區》

“喜歡課堂上許多啟發性問題、討論 Nash equilibrium 等”
“講師提出與我們日常生活有關的問題，讓我們思考事件發生的原因”
“導師是個非常有趣的人，而且說話非常有啟發性，很 innovative，助教也做得非常好。”

《基因、細胞與生物工程》

“最深刻是做實驗(種細菌, 電泳)”
“導師教學認真”