

Evaluation Report on DLG-funded Other Programmes 2017 – 2018
(Gifted Education)

Title:	HKU Summer Institute - Future Artificial Intelligence and FinTech (Gifted Education Programmes by various universities and NGOs 1)
Objectives:	To enhance students' interest and enable them to acquire advanced knowledge in the subject domain
Deliverables:	<ol style="list-style-type: none"> 1. Lesson notes 2. Project presentation with feedback 3. At least one hands-on coding each lesson 4. Visit HKEX Stock Exchange Connect Hall & Hong Kong Monetary Authority Information Centre 5. Visit Cyberport FinTech Centre
Target:	Two S5 students
Selection mechanism:	Students nominated themselves and were accepted by the programme after the screening process by HKU.
Duration and venue:	<ol style="list-style-type: none"> 1. Date: 30 July 2018 - 3 August 2018 2. Time 9:30 - 16:30 3. Venue: Room KKL109, LG1/F, K.K. Leung Building, HKU
Evaluation:	<ol style="list-style-type: none"> 1. The attendance of the students was high (over 95%). 2. One student was awarded the Most Active Participation Award. 3. One student was awarded the Best Presenter in FinTech Entrepreneurial presentation section. 4. The tutor from the HKU e-Learning Development Laboratory was professional and the programme design was good. 5. The tutor commented some of the projects included innovative and feasible ideas. 6. Comments on presentation skills and techniques for further improvements were also given to the participants. 7. The student's skills of using TensorFlow for pattern recognition and financial applications and managing financial big data have been developed. 8. The students' horizons have been broadened in Technical Analysis & Algorithm Trading and Cybersecurity & Mobile

	<p>payment Technologies</p> <p>9. The site visits to the HKEX Stock Exchange Connect Hall & Hong Kong Monetary Authority Information Centre and Cyberport FinTech Centre enriched students' knowledge of Hong Kong Financial technology industry.</p>
Expenditure:	Claimed fee: \$11,860 (Programme fee: \$15,000)

Title:	HKU Summer Institute - Young Medical and Healthcare Professional Summer Programme (Gifted Education Programmes by various universities and NGOs 2)
Objectives:	To enhance students' interest and enable them to acquire advanced knowledge in the subject domain
Deliverables:	<ol style="list-style-type: none"> 1. Students should do a presentation with the medical-related topic given after finishing the courses and lectures during the programme. 2. Students have a chance to understand global health issues, form discussion groups and solve the respective problems from different perspectives of various healthcare professional roles. 3. The students' horizons on the medical field have been broadened.
Target:	Two S5 students
Selection mechanism:	Students nominated themselves and was accepted to the programme after the screening process by the HKU.
Duration and venue:	<ol style="list-style-type: none"> 1. Date: 16 July 2018 - 22 July 2018 2. Venue: Various venues in HKU
Evaluation:	<ol style="list-style-type: none"> 1. The attendance of the students was high (100%). 2. A deeper understanding of students of different occupations and studies of the medical field was achieved. 3. Affective education elements, such as stress management and moral education, were introduced during the programme to enhance the psychological well-being of students 4. The group presentation of one of the students was rated as the most outstanding work among the groups. 5. The programme schedule was tight but none of the activities overran. 6. The activities organized were also meaningful and closely

	related to our daily lives, which aroused students' interest. 7. Senior group leaders from HKU provided precious advice on selecting university majors and sharing their university life experience with students.
Expenditure:	Claimed fee: \$13,200 (Programme fee: \$17,600)

Title:	HKU Summer Institute - Medical Summer Broadening Programme 2018 (Gifted Education Programmes by various universities and NGOs 3)
Objectives:	To enhance students' interest and enable them to acquire advanced knowledge in Chemistry and Life Science.
Deliverables:	<ol style="list-style-type: none"> 1. Lecture notes 2. Group presentations 3. Students could carry out basic clinical and surgical practice under the guidance of mentors and professors.
Target:	Two S5 students
Selection mechanism:	Students nominated themselves and were accepted by the programme after the screening process by HKU.
Duration and venue:	<ol style="list-style-type: none"> 1. Date: 16 July 2018 – 27 July 2018 2. Venue: Various venues in HKU
Evaluation:	<ol style="list-style-type: none"> 1. The attendance of students was high (over 90%). 2. Useful advice was given by professors when students encountered problems 3. Activities like group project in the programme helped improve leadership and communication skills of students. 4. Students understood the basic principles of medical and health sciences through a range of academic and scholarly activities and visits.
Expenditure:	Claimed fee: \$14,520 (Programme fee: \$26,000)

Title:	HKU Summer Institute - Career Discovery in Architecture (Hong Kong) (Gifted Education Programmes by various universities and NGOs 4)
Objectives:	To enhance students' interest and enable them to acquire advanced knowledge in the subject domain.
Deliverables:	<ol style="list-style-type: none"> 1. Lecture notes 2. Workshops on architectural drawing and model making skills

	<ol style="list-style-type: none"> 3. Studio works on assignments about architectural thinking 4. Presentation of the student's assignments (Drawing and model making) 5. Comments on the student's assignments
Target:	One S5 student
Selection mechanism:	Student nominated himself and was accepted by the programme after the screening process by HKU
Duration and venue:	<ol style="list-style-type: none"> 1. 22 lessons from 16 July 2018 to 4 August 2018 2. Venue: Various venues in HKU
Evaluation:	<ol style="list-style-type: none"> 1. The attendance of the student was high (100%). 2. The tutors provided timely advice and feedback to students. 3. The student enjoyed the activities in the courses and learnt a lot from the activities which helped him to understand more about architecture and what to learn in architecture schools.
Expenditure:	Claimed fee: \$10,900 (Programme fee: \$18,500)

Title:	HKUST Dual Program – Life Science (Gifted Education Programmes by various universities and NGOs 5)
Objectives:	To enhance students' interest and enable them to acquire advanced knowledge in the subject domain
Deliverables:	<ol style="list-style-type: none"> 1. Lecture notes 2. Group presentations 3. Classwork including biosphere and growing plants 4. Final assessment
Target:	One S4 student
Selection mechanism:	The student was nominated by the gifted education coordinator and was accepted by the programme after the screening process by HKUST.
Duration and venue:	<ol style="list-style-type: none"> 1. Date: 17 lessons from 25 November 2017 to 5 May 2018 2. Time: 14:00-17:00 3. Venue: Various venues in the HKUST
Evaluation:	<ol style="list-style-type: none"> 1. The lecturers are professional and they encouraged students to take part in class activities actively 2. The attendance of the student is over 90%. 3. Interesting classwork could boost students' creativity and encourage them to use their biological knowledge 4. The student could communicate with others and exchange

	opinions during group work
Expenditure:	Claimed fee: \$800 (Programme fee: \$800)

Title:	HKUST Dual Program – Engineering (Gifted Education Programmes by various universities and NGOs 6)
Objectives:	To enhance students’ interest and enable them to acquire advanced knowledge in the subject domain
Deliverables:	<ol style="list-style-type: none"> 1. Handouts and lecture notes 2. Homework 3. Mid-term and final assessment 4. An Arduino board (with small programs designed by students to drive motors and cars) 5. Hands-on experience in building a robot car 6. Modify the codes in the Arduino program to control the robot car according to the tasks given.
Target:	One S4 student and one S5 student
Selection mechanism:	Students were nominated by the gifted education coordinator and were accepted by the programme after the screening process by HKUST.
Duration and venue:	<ol style="list-style-type: none"> 1. 16 lessons from 25 November 2017 to 5 May 2018 2. 14:00 – 17:00 3. Venue: Various venues in HKUST
Evaluation:	<ol style="list-style-type: none"> 1. The attendance of the students was high (over 90%) 2. The students obtained grade A in the course.
Expenditure:	Claimed fee: \$11,200 (Programme fee: \$13,800)

Title:	HKUST Summer Institute (Gifted Education Programme by various universities and NGOs 7)
Objectives:	To enhance students’ interest and enable them to acquire advanced knowledge in the subject domain
Deliverables:	<ol style="list-style-type: none"> 1. Lecture notes 2. Quizzes 3. Essays 4. Examination
Target:	One S4 student
Selection mechanism:	The student nominated herself and was accepted by the programme after the screening process by the HKUST

Duration and venue:	<ol style="list-style-type: none"> 1. First Course: Chemistry in the Modern World 16-20 July, 23-24 July (two-hour lecture each day with two quizzes) 2. Second Course: Physics in Everyday Life 30-31 July and 1-3,6,7,10 August (two-hour lecture each day with a final assessment on 10 August) 3. Venue: Various venues in HKUST.
Evaluation:	<p>(Chemistry)</p> <ol style="list-style-type: none"> 1. Students were able to challenge himself through learning introductory university level chemistry 2. Students could try to calculate experimental data through titrimetric determination of acetic acid content in the lab session <p>(Physics)</p> <ol style="list-style-type: none"> 3. Students were able to understand the structure of many engines and how they work through physics, like thermodynamics and radioactivity. 4. In the essay assignment, students would each choose a daily application and further find out the underlying principles of working.
Expenditure:	Claimed fee: \$5,100 (Programme fee: 6,000)

Title:	PolyU Engineering Summer Camp 2018 (Gifted Education Programmes by various universities and NGOs 7)
Objectives:	To enhance students' interest and enable them to acquire advanced knowledge in the subject domain
Deliverables:	1. Project challenge and adjudication
Target:	One S5 student
Selection mechanism:	The student nominated herself and was accepted by the programme after the screening process by HKU.
Duration and venue:	<ol style="list-style-type: none"> 1. Date: 31 July – 2 August 2018 2. Venue: Mong Man Wai Building in the HKPU.
Evaluation:	<ol style="list-style-type: none"> 1. The attendance rate of students was 100%. 2. The student thought the lessons helped to improve her understanding of engineering. 3. The student enjoyed the activities in the camp and learnt a lot from the activities which would help her improve her engineering skills.

	<ol style="list-style-type: none"> 4. The student was awarded a merit award. 5. Judging from the student achievement and the performance of the course providers, joining similar programme in the next year is recommended.
Expenditure:	Claimed fee: \$800 (Program fee: \$800)

Title:	Summer Program for Gifted and Talented by CUHK - Introduction to Criminal Psychology (Gifted Education Programmes by various universities and NGOs 8)
Objectives:	To enhance students' interest and enable them to acquire advanced knowledge in the subject domain
Deliverables:	<ol style="list-style-type: none"> 1. Lesson notes 2. Discussion and case analysis on each crime 3. Preliminary diagnosis of suspects in certain criminal cases in the past
Target:	One S5 student
Selection mechanism:	The student nominated himself and was accepted by the programme after the screening process by the CUHK
Duration and venue:	<ol style="list-style-type: none"> 1. Three lessons (10:00 – 17:00) in one month 2. Venue in CUHK.
Evaluation:	<ol style="list-style-type: none"> 1. The attendance of the students was high. (100%) 2. All students were presented certificates by course instructor. 3. From the feedback made by the students, points for improvement could be identified and appropriate suggestions for improvement could be made. 4. Students could apply the skills learnt to analyse the assigned article and case studies and provided relevant explanations. 5. The course should be cut short into half a day and doubled the number of class sessions for better use of time. 6. More case studies for discussion should be arranged.
Expenditure:	Claimed fee: \$3,750 (Programme fee \$3,750)

Title:	CUHK Science Academy for Young Talent - Risk Management and Actuarial Science (Gifted Education Programme by various universities and NGOs 9)
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Objectives:	To enhance students' interest and enable them to acquire advanced knowledge in the subject domain
Deliverables:	1. Lecture notes 2. Short answer test or exam
Target:	One S4 student
Selection mechanism:	The student nominated herself and was accepted by the programme after the screening process by the CUHK
Duration and venue:	1. Date: 6 August 2018 – 10 August 2018 11 August 2018 (reserved for make-up class) 2. Time: 9:30 am – 12:30 pm; 2:00 pm – 5:00 pm 3. Venue: ERB 804 (CUHK)
Evaluation:	1. The attendance of students was high (95%). 2. The student got a pass in the quiz. 3. The student could calculate assigned questions correctly with the skills learnt and provided the relevant explanation.
Expenditure:	Claimed fee: \$3,550 (Programme fee: \$3,550)

Title:	CUHK Summer Institute 2018 (Gifted Education Programmes by various universities and NGOs 10)
Objectives:	To enhance students' interest and enable them to acquire advanced knowledge in the subject domain
Deliverables:	1. Lecture notes 2. Individual Project 3. Quiz 4. Hands-on activities Field trips
Target:	Five S5 students
Selection mechanism:	Students nominated themselves and were accepted by the programme after the screening process by the CUHK.
Duration and venue:	1. 3 days orientation camp from 13 July to 15 July 2018 2. 14 lessons from 16 July to 25 July 2018 3. 1 day graduation camp on 27 July 2018 4. Venue: Various venues in CUHK
Evaluation:	1. The attendance of the students was high (over 95%) 2. The students were given chances to practice various basic techniques through experiencing the hands-on clinical skills of Chinese Medicine including diagnostics, herbal agents, acupuncture and manipulative therapy.

	<ol style="list-style-type: none"> 3. Active learning was encouraged through the use of a variety of instructional methods such as mini-lectures, short quizzes, interactive hands-on activities, group discussions and presentations, and video presentations. 4. The opportunity to experience a variety of nursing skills such as wound dressing and administering various medications using the latest simulated technology was provided. 5. The tutors are professional and passionate about teaching. 6. The enrichment activities were informative.
Expenditure:	Claimed fee: 28,000 (Programme fee: \$34,500)

Title:	Poverty Workshop and Field Studies
Objectives:	To reinforce students' understanding of social problems and develop students' positive values
Deliverables:	Worksheets, guided tours, visits and community services
Target:	18 S4 students
Selection mechanism:	Students were nominated by the teacher concerned based on the requirement set by the LS panel.
Duration and venue:	Two 2-hour discussion sessions (in School); Two field study sessions with visits / tours / community service (Sham Shui Po)
Evaluation:	<ol style="list-style-type: none"> 1. Deeper understanding of wealth gap in Hong Kong and positive values (e.g. serving the needy) were cultivated among the participants. 2. In general, the students' performance was praiseworthy except a few of them, who could have been more devoted and / or assumed a more serious attitude.
Expenditure:	\$11200

Title:	LS Learning Group
Evaluation:	The programme was not implemented in the school year due to low interest among students and the limited availability of target speakers.
Expenditure:	\$0

Title:	Critical Thinking Skill Enhancement Workshop
Objectives:	To polish students' critical thinking skills in analyzing essay-type and case-study questions in studying BAFS Management

	Module
Deliverables:	Worksheets, live scripts of HKDSE candidates at different levels
Target:	20 S5-S6 high achievers from BAFS Management classes
Selection mechanism:	Students were nominated by the teacher based on examination results in S4
Duration and venue:	30 1.5-hour sessions at school
Evaluation:	The class size should be reduced to less than 10 students so that the tutor could give more individual attention to each participant.
Expenditure:	\$10,000

Title:	歷史資料分析研習班
Objectives:	精進學生分析歷史資料的能力
Deliverables:	1. 每節一項歷史資料分析課業 2. 每節一次由參加者評改他人之課業
Target:	中五及中六學生共九名
Selection mechanism:	按中國歷史科所訂準則挑選
Duration and venue:	中六：十月至十二月，十二教節，每節兩小時 中五：三月至五月，十二教節，每節兩小時
Evaluation:	1. 參加者藉評改他人之課業，成功提升對歷史論述的評鑑能力。 2. 參加者通過完成課業，大幅加強歷史資料分析能力。
Expenditure:	\$13,200