

Annual Programme Proposal for DLG-funded Other Programme (Gifted Education) 2015 – 2016

Domain	Program / Course Provider	Objective(s)	Targets (No. / Level / Selection)	Duration/ Start Date	Deliverables	Teacher-in-charge	Budget
Mathematics	Mathematics High Achiever Course	To train high achievers	Max 25 Students F4-5 students Nominated by Math Dept.	10 lessons in 3 months	Competitions and Questionnaire	Mr Chan TC	\$5,670
						Total:	\$5,670
Science	Science activities (workshops / competitions) by HKFYG or other external organizations	To develop students' interest in learning science	- 6 students - F.4 - F.5 students - F.4 and F.5 students who are talented and interested in science	Whole year	Students will learn science through different activities	Mr. Cheng KM	\$ 500 x 6 = \$ 3,000 (application / workshop fee)
Science	Taster programmes organized by HKU / other tertiary institutions	To develop students' interest in learning science	- 5 students - F.4 – F.5 students - F.4 and F.5 students who are talented and interested in science	Whole year, usually during long holidays (Christmas & Easter)	Students will take part in various activities related to science	Mr. Cheng KM	\$ 1,000 x 5 = \$ 5,000 (programme fee)

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Science	Secondary School Mathematics and Science Competition 2016 by HKPU	To foster the habits of broadened learning	<ul style="list-style-type: none"> - 9 students - F.5 students - F.5 students who ranked the top three in Physics, Chemistry and Biology in EOY Assessment in F.4 (2014 – 2015) 	April 2016 – May 2016	Students will be exposed to different problems related to science	Mr. Cheng KM	\$ 80 x 9 = \$ 720 (application fee)
Science	Australia Big Science Competition 2016	<ul style="list-style-type: none"> - To develop students' critical thinking and problem-solving skills - To enrich students' science knowledge 	<ul style="list-style-type: none"> - 6 students - F.4 students - F.4 students who study at least two of the following subjects: biology, chemistry or physics - F.4 students who are interested in science 	July 2016	Students will be exposed to different problems related to history and nature of science	Mr. Cheng KM	\$ 70 x 6 = \$ 420 (application fee)
Science	鑑證科學培訓計劃 2016 by HKFYG	To enrich students' knowledge about forensic science	<ul style="list-style-type: none"> - 6 students - F.4 - F.5 students - F.4 and F.5 students who are talented and interested in science. - Priority is given to F.5 students studying physics, chemistry and biology 	July 2016 – Aug 2016	Students will learn different applications of forensic science, e.g. fingerprint, blood test, etc	Mr. Cheng KM	\$ 1,000 x 6 = \$ 6,000 (workshop fee)

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Science (Physics)	Science Academy for Young Talent by CUHK (<i>Discovering the Universe</i>)	To enrich students' knowledge about the universe	<ul style="list-style-type: none"> - 2 students - F.4 – F.5 students - Students who were top 30 % in physics in EOY Assessment in F.4 and F.5 (2014 – 2015) 	July 2016 – Aug 2016	Students will learn the development of modern astronomy and the application of physics in understanding the universe	Mr. Cheng BS & Mr. Cheng KM	\$ 2,500 x 2 = \$ 5,000 (course fee)
Science (Chemistry)	Science Academy for Young Talent by CUHK (<i>Analysis in Modern Chemistry</i>)	To help students keep abreast of modern chemistry	<ul style="list-style-type: none"> - 4 students - F.5 students - Students who rank the top 20 % in chemistry in F.5 1st and 2nd Term Assessments (2015 – 2016) 	July 2016	Students will learn basic concepts and techniques in related to spectroscopic and chromatographic instruments	Mr. Cheng KM	\$ 2,500 x 4 = \$ 10,000 (course fee)
Science (Chemistry)	Australian National Chemistry Quiz (H.K. Section) 2016	To nurture students who are talented in chemistry	<ul style="list-style-type: none"> - 6 students - F. 5 students - F.5 students who were top 30 % in chemistry in EOY Assessment in F.4 (2014 – 2015) 	June 2016 – July 2016	Students will be exposed to different chemistry problems which require them to think logically	Mr. Cheng KM	\$ 80 x 6 = \$ 480 (application fee)

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Science (Chemistry & Biology)	Day camp (theme: Chinese medicine) by HKU / HKBU	<ul style="list-style-type: none"> - To enrich students' knowledge about Chinese medicine - To prepare students who are interested in Chinese medicine for future studies and careers 	<ul style="list-style-type: none"> - 4 students - F.4 – F.5 students - F.4 – F.5 students who are interested in Chinese medicine - Priority is given to F.5 students studying chemistry and biology 	Whole year	Students will take part in activities related to Chinese medicine.	Ms. Chan PK & Mr. Cheng KM	\$ 150 x 4 = \$ 600 (application fee)
Science (Biology)	Science Academy for Young Talent by CUHK (Biology)	To nurture students who are talented in biology	<ul style="list-style-type: none"> - 4 students - F. 5 Biology students - Academic result will be used for selection - Students who are interested in learning science 	Jul – Aug 2016	Students will be exposed to different problems in Biology.	Ms. Chan PK	\$ 2,500 x 4 = \$10,000
Science (Biology)	The Piloting Scheme for Secondary Schools – Biology by HKUST	To nurture students who are talented and interested in biology	<ul style="list-style-type: none"> - 3 F.4 – 5 Biology students - Academic result will be used for selection - Students who are interested in learning science. 	Whole year	Students will have a basic understanding of life systems.	Ms. Chan PK	\$4000 x 3 = \$12,000
						Total:	\$53,220

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Extra-Curricular Activities	Outward Bound ® Hong Kong (Anticipatory)	To push the comfort zones of students, encourage them to face challenges head-on and train their leadership skills through teamwork.	- 14 students (max) - F.4 students - Nominated by Class Teachers, Social Worker and ECA Teachers	5 Days	Participation in the 5-day training and a presentation to the whole school.	Mr. Law SK	\$2000 x 14 = \$28,000 (course fee subsidy to each participant)
						Total:	\$28,000
Liberal Studies	Certificate Course for Youth Community Leaders by Youth in Legco	To expose students to the Legislative structure in Hong Kong and enable them to consider local issues from a different perspective	- 5 students - F.5 students - Nominated by LS department with specific criteria	Oct – Dec 2015		Mrs. Kam Wong YW	\$700 x 5 = \$3,500
Liberal Studies	Youth to Sustainability Summit 2016 by AIESEC HONG KONG	To expose students to youth conference and allow them to explore more about sustainability	- 5 students - F.4 students - Nominated by LS department with specific criteria	May / June 2016	Students will obtain a certificate	Mrs. Kam Wong YW	\$800 x 5 = \$4,000
						Total:	\$7,500

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Visual Arts	Visual Arts Workshop by HKPU (School of Design)	To introduce the experience of designing	- 3 students - F.4 – F.5 students - Nominated by Visual Arts Department	Apr – Sep 2016	Students Artworks and reflection	Miss Chan SY	\$4,000 x 3 = \$12,000 (course fee)
Visual Arts	Design / Drawing Workshop / Street Sketching Program by HKDI / Non-profit making organizations (Design School) or Employ instructors to teach students exploring different art-making techniques	To enrich students' design techniques / drawing skills	- 5 – 10 students - F.4 – F.6 students - Nominated by Visual Arts Department	Oct 2015 – Aug 2016	Students Artworks and reflection	Miss Chan SY	\$15,000 for 5-10 students (course fee)
Visual Arts	Non-profit making organizations / Employ instructors to teach students to do project by using professional software	To enrich students' design techniques / drawing skills by using professional software	- 24 students - F.4 – F.5 students - Nominated by Visual Arts Department	Feb – Apr 2016	Students Artworks and reflection	Miss Chan SY	\$10,000 for 24 students (course fee)
						Total:	\$37,000

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Religious Education	Student Gospel Fellowship	To raise bible study ability	- F.3 – F.5 - Nominated by pastor	5 – 10 times	Bible study skills	Mr. Wong SM	\$5,000
						Total:	\$5,000
Information Technology	Arduino 基礎課程 / Arduino 進階課程/ Arduino 機器人製作課程 by The Hong Kong Federation of Trade Unions Spare Time Study Center	To enhance the knowledge on using Arduino microcontroller board	- 4 students - F.4-F.5 ICT students - Students interested in robot making	- 3 hrs x 3 - Nov 2015 –Feb 2016	- Final product - Performance in competitions - Sharing with lower form students	Mr. Wong SB	\$1,300 x 4 = \$5,200
Information Technology	Android 系統程式開發 by The Hong Kong Federation of Trade Unions Spare Time Study Center	To enhance the knowledge on using Android	- 4 students - F.4-F.5 ICT students	- 3 hrs x 3 - Jan - Feb 2016	- Final product - Performance in competitions - Sharing with lower form students	Mr. Wong SB	\$600 x 4 = \$2,400

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Information Technology	3D Printing and 3D Modeling Workshop by The Hong Kong Federation of Trade Unions Spare Time Study Center	To enhance the knowledge on using 3D printing and 3D modeling	- 6 students - F.4-F.5 ICT students	- 3 hrs x 2 - Jan 2016 -Feb 2016	- Final product - Sharing with lower form students	Mr. Wong SB	\$500 x 6 = \$3,000
						Total:	\$10,600
Economics	The Chinese University of Hong Kong <u>Program</u> Youth Economic Forum – Public Policy – If I were the policy advisor	To facilitate students' learning of economic analysis or real world issues To nurture students' analytical skills and creativity	15 students - 3 teams (1 team chosen from Form 4, 2 teams chosen from Form 5) - Maximum number of students in each team : 5	Dec 2015 - April 2016	Students are expected to propose and analyze public policies through workshop, writing, video production and forum discussions.	Mrs. Yau SW	\$3,000 (covers travel expenses and costs for presentation materials)
						Total:	\$3,000

Total: \$149,990