

Programme Evaluation Report for
DLG – Other Programme: Gifted Education for the 2015/16 school year

Programme title	Objective	Target (No. / level/ selection)	Duration / Start Date	Deliverable	Evaluation	Expenditure
3D printing workshop	To explore students' potential to create and to develop in STEM area.	<ul style="list-style-type: none"> - 15 students - S.3 – S.4 students - Volunteer participation 	Start from 13/04/2016. 5 lessons. Two hours per lesson.	<ul style="list-style-type: none"> - One end product per group 	<ul style="list-style-type: none"> - Over 70% of students have attended more than 60% of the training lessons. - Students participated actively in the lessons. Most of them were able to master the basic skills of using the software and the 3D printer whereas four of them could manage the advanced skills. - Final products were produced combining the 3D printing and cloud technologies. 	<ul style="list-style-type: none"> - Hardware (3D printer and littleBits Kit): \$16300 - Training workshop: \$10000 Total: \$26300
School campus waste analysis training workshop	To promote learning beyond the classroom and to promote student leaders' social responsibility.	<ul style="list-style-type: none"> - 9 students - S.2 and S.4 students - Nominated by teachers 	Start from Feb, 2016. Duration: 4 months.	<ul style="list-style-type: none"> - Pre and post analysis of school waste were done. - Training for students has been conducted. - A talk for all students has been disseminated. - Activities have been 	<ul style="list-style-type: none"> - Based on the analytical result, our school has generated less waste in the post-test done in May, 2016, comparing to the pre-analysis done in Feb. The result was particularly encouraging in reducing the amount of paper by 34%, plastic 33% and metal 74%. - According to the data from the World 	Photocopy of record sheet And signage in classrooms

				held to promote waste reduction.	Green Organization, our school has achieved a better result in waste reduction than other 9 participating schools.	
Innovating Today Imagining Tomorrow Mentorship Programme	To promote student's all-rounded development and to train them to be leader of the society.	<ul style="list-style-type: none"> - 2 students - S.4 – S.5 students - Recommended by teacher 	Dec 2015 – Jul 2016	<ul style="list-style-type: none"> - Two students were being nominated and one of them was finally selected by the organizer after the interview. - The student being accepted took part in a wide range of activities, such as cross-subjects experiential learning and HKUST visit. - A sharing session and celebration ceremony will be held on 02/07/2016. 	<ul style="list-style-type: none"> - The student found the programme inspiring and fruitful. She reviewed that she had better understanding in other professions. Moreover, her interpersonal and leadership skills have also been facilitated through collaborating with other students and learning from the top leaders in the community. 	/
International Junior Science Olympiad 2016 - Hong	To inspire students to excel in science subjects.	<ul style="list-style-type: none"> - 6 students - S.2 – S.3 students - Nominated by teachers 	Start from 26/09/2015. Two semesters.	<ul style="list-style-type: none"> - One S.3 student awarded a Second Class Honour Prize and was being invited to be member in 	<ul style="list-style-type: none"> - Feedback from the participants was very positive. Through self-study and joining courses organized by HKAGE, their science knowledge has been enhanced. 	/

Kong Screening				HKAGE.		
Junior Science Institute	To motivate potential students to explore in different disciplines in science.	<ul style="list-style-type: none"> - Students in our “Talent Pool” have been invited to join the institute. - One S.5 student was selected by the university to join courses in all four semesters. 	Dec 2015 – Jul 2016	<ul style="list-style-type: none"> - The student has attended four workshops offered by the Junior Science Institute of HKU. 	<ul style="list-style-type: none"> - The student enjoyed the workshop and he was motivated to join again. The hands-on experiences allowed him to embark on a journey of science exploration. 	/
2016 HKU Smart Scientists Series - Inter-school Science Quiz Competition	To motivate potential students to explore in different disciplines in science and to integrate the knowledge in real life.	<ul style="list-style-type: none"> - Two teams (S.1 – S.2) comprising of three students each were formed. - Selected by I.S. teachers 	Training starts from second semester. First round competition: 02/07/2016	<ul style="list-style-type: none"> - The two teams are going to engage in an inter-school competition held in HKU on 02/07/2016. 	<ul style="list-style-type: none"> - Continuous training has been provided. Not only junior form science skills are being strengthened, but also engendering them with senior science knowledge in a wide range of disciplines, such as Astronomy and Geology. It is observed that these students were very motivated to learn and they felt that their potential could be explored in the training process. 	Training material: photocopy in school

Searching of Nature Stories 2016	To extend students' knowledge and concerns on local natural environment. To develop students' scientific investigation skills through field studies.	<ul style="list-style-type: none"> - 5 students - S.4 student - Selected by teacher 	Start from 21/11/2015. Duration: 6 months	<ul style="list-style-type: none"> - A written report has been done. 	<ul style="list-style-type: none"> - Students have learnt to modify their research methods according to the situation in the reality. Besides, they took initiative to study in detail the species of plant and snails they have encountered. 	/
2015/16 Hong Kong Budding Scientists Award	To nurture the talents of scientifically gifted students.	<ul style="list-style-type: none"> - 4 students - S. 3 – S.4 students - Selected by teacher 	Start from 28/11/2015. Duration: 6 months	<ul style="list-style-type: none"> - After a series of training, the students joined a competition, which included a quiz and submission of a proposal 	<ul style="list-style-type: none"> - Three of the students have won the Second Class Honour while one of them the Third Class Honour. - Students' creativity and problem-solving skills have been enhanced. 	/
SciPOP Science presentation contest 2016	To foster the pursuit of science knowledge in young scientists in Hong Kong.	<ul style="list-style-type: none"> - 4 students - S.4 – S.5 students - Selected by teachers 	Start from 17/01/2016. Duration: 1 month	<ul style="list-style-type: none"> - Attended one lecture and participated in a competition. 	<ul style="list-style-type: none"> - Students gained experience through observing the performance of students from other schools. 	/
Hong Kong Water Race	To promote the concept of	<ul style="list-style-type: none"> - 25 students - S. 2 – S. 5 	20/03/2016	<ul style="list-style-type: none"> - Attended a half-day competition 	<ul style="list-style-type: none"> - Different talents of students have formed teams to take part in the 	Application fee: \$600

2016	water footprint, arouse their awareness of water crisis, and encourage them to take action to conserve and save water through the means of city orienteering.	<ul style="list-style-type: none"> - students - Potential students were invited by teachers 			<p>race. Students did believe that their potential could be optimized and hence their self-esteem has been increased.</p>	
Campus Bioblitz 2016	To encourage interested and potential students to further study the topic of biodiversity in more in-depth level.	<ul style="list-style-type: none"> - 5 students - S.4 students - Selected by teachers 	Start from 25/06/2016 till now	<ul style="list-style-type: none"> - Attended one-day training workshop and prepare for a written research report 	<ul style="list-style-type: none"> - Students have mastered more skills in identifying different species, including birds and butterflies, which were not being taught in school. - Students have also learnt skills in writing an investigative study report. 	Photocopy of training material
Australian Chemistry Quiz	To stimulate potential students to learn Chemistry by competing against students	<ul style="list-style-type: none"> - 16 students - S.3 – S.5 students - Invited by teachers 	05/07/2016	<ul style="list-style-type: none"> - Will attend a competition 	<ul style="list-style-type: none"> - Students have to prepare well for the competition which is a paper-based quiz. Theme of the Quiz this year is “Science for Everyone” covering daily life-related and challenging questions, it is predicted that 	Photocopy of training material in school

	from all over the world.				students have to apply theoretical knowledge in the authentic situations and challenge themselves.	
Hong Kong Sparrow Census 2016	To nurture students' naturalist intelligence and to engender students' skills in doing scientific research.	<ul style="list-style-type: none"> - 20 students - S.2 – S.5 students - Selected by teacher 	Start from 23/04/2016. Duration: 2 weeks	<ul style="list-style-type: none"> - Attended a training workshop and participated in a half-day census session 	<ul style="list-style-type: none"> - Students have learnt to identify various species of sparrows. - Students have better understanding in the relationship between the types of habitat and the reproduction of sparrow. - They have also mastered basic skills in carrying out scientific research which has not been gone through in school. 	Photocopy of training material in school