

Evaluation for the Use of Diversity Learning Grant / Gifted Education Programs 2018/19

Gifted Education Committee 2018/2019

Objectives

1. To devise systematic and strategic planning to identify gifted and talented students who possess outstanding performance or potential in some aspects and to foster their holistic development as well as their commitment to serving the community
2. To provide challenging learning opportunities for gifted and talented students so as to fully develop and stretch their potential in a wide range of specialist areas, including leadership, creativity, personal-social competence.
3. To develop school-based training programs and to support students to participate in external competitions and gifted education programs

Note: The Renzulli's Three-Ring Conception of Giftedness and Howard Gardner's Theory of Multiple Intelligences are adopted for screening and selection of gifted and talented students through multiple channels and pathways.

Year Plan under Diversity Learning Grant (DLG)

The activities to be carried out in the academic year 2018/2019 are as follows:

1. mbot STEM Robot Course and Competition
2. Strategic planning & interviewing skills in focused professions (For S6 students)
3. Preparative course for Scientific Competitions
4. Basic Japanese Course for understanding other cultures
5. Training programme and materials for GreenMech Competition
6. Junior Achievement Company Program
7. Creative English Writing Course
8. School Team Sports and Leadership Training Camp
9. Preparative course and materials for Budding Scientist Award
10. Subsidy for External Gifted Programs
11. Training course for Debate Team

Evaluation of Action Plan & Use of Diversity Learning Grant (2018-19)

Committee: Gifted Education Committee

Major Area(s) of Concern	Implementation Date	Expenditure	Performance Indicators	Results of Evaluation	Person in-charge
<p>1. mbot STEM Robot Course and competition</p> <ul style="list-style-type: none"> - To educate students about the knowledge in scratch language as advanced level - To foster application of STEM for problem solving and development of communication skills and leadership 	<p>Sept 2018 to Apr 2019</p>	<p>Course fees: Training course for competition HK\$12,000.00 & Advanced Course: HK\$10,000.00 (From STEM Committee)</p> <p>Materials for competition : HK\$9,039.00</p> <p>Total: HK\$21,039.00</p>	<ol style="list-style-type: none"> 1. Students' attendance is about 80%. 2. 80% of the participants find the courses useful and interesting. 3. The knowledge in STEM, creativity, high order thinking, communication skills and leadership of students have been enhanced. 	<ol style="list-style-type: none"> 1. The student were always on task and they completed tasks assigned within lesson time. 2. Positive feedback were received from participants. 3. Comments from tutors were positive as most students were able to learn fast and completed tasks assigned with good performance. 4. Two teams were nominated to participate the FormulaR (HK) – mbot organized by JSIT and they were awarded the first runner-up in the Remote Control Robot GoGo Competition and the Line-follower Competition. 	<p>Gifted Education Committee (WAN, TSN)</p>
<p>2. Strategic planning & Interviewing skills in focused professions (For S6 students)</p> <ul style="list-style-type: none"> - To train up students' strategic planning skills & self-management skills. - To promote their awareness on JUPAS 	<p>Nov 2018 to Dec 2018</p>	<p>Training course: (7.5 hours) HK\$7,500.00</p>	<ol style="list-style-type: none"> 1. Attendance rate was above 80%. 2. 75% of the participants find the course useful. 3. 75% of the participants understand better about career choices. 4. Students have carried out focused study at one JUPAS 	<ol style="list-style-type: none"> 1. There were ten S6 students participated. The student survey reflected that 100% of the participants found the course useful and they agreed that the course helped them understand better about their strengths and weaknesses, career choices and the strategy of assigning JUPAS choices, and had equipped them with practical interviewing skills through Mock Interview and Self-Introduction. 2. The students performed well in the Mock interview. They prepared suitably for the interview and the interviewing skills like keeping good eye contact, speaking smoothly and 	<p>Gifted Education Committee (MHM, KCH)</p>

<p>choices of selection.</p> <ul style="list-style-type: none"> - To train up students' interviewing skills in focused professions 			<p>choice.</p> <ol style="list-style-type: none"> 5. Students have prepared for self-introduction. 	<p>confidently, showing courtesy and attention to other candidates were suitably exhibited.</p> <ol style="list-style-type: none"> 3. The overall attendance rate was 84% which was promising. 	
<ol style="list-style-type: none"> 3. Preparative program for Scientific Competitions <ul style="list-style-type: none"> - To prepare biology students to cope with the questions of the Hong Kong Biology Literacy Award. - To train up students' analytical skills and problem solving skills 	<p>Oct 2018 to Nov 2018</p>	<p>Preparative course (15 hrs) : HK\$4,500.00</p> <p>Enrollment Fee: HK\$600.00</p> <p>Total: HK\$5,100.00</p>	<ol style="list-style-type: none"> 1. Students' attendance is over 80%. 2. Students' performance in Scientific competitions 3. Scientific knowledge, and problem solving skills of students have been enhanced. 	<ol style="list-style-type: none"> 1. A total of ten S5 students were nominated to participate in the Hong Kong Biology Literacy Award for Secondary School this year. Preparative course was conducted by a tutor to equip them with all the essential biology knowledge for the award. Overall attendance rate is about 88%. 2. They had to complete a 1-hour multiple choice questions which were related to the HKDSE syllabus of Biology. 5C Lam Hoi Fung won the First Class Honor. 	<p>Gifted Education Committee (MHM, WAN)</p>
<ol style="list-style-type: none"> 4. Basic Japanese Course for understanding other cultures <ul style="list-style-type: none"> - To equip students with Japanese at basic level - To enhance students' Japanese competency 	<p>Oct 2018 to Mar 2019</p>	<p>Training course: HK\$8,985.00</p>	<ol style="list-style-type: none"> 1. Students' attendance is 80%. 2. 80% of the participants find the courses useful. 	<ol style="list-style-type: none"> 1. Fifteen students from S.3 to S.4 participated in the Japanese course. 2. Students were actively participated in learning activities during the lesson and they were able to read and write some basic Japanese. 3. 100% of students agreed to recommend this course to other students and all of them would like to consider to learn Japanese at a higher level. 	<p>Gifted Education Committee (MHM, KPY)</p>

<p>5. Training programme and materials for GreenMech Competition</p> <ul style="list-style-type: none"> - To prepare students for Inter-school GreenMech Competitions - To foster application of STEM for problem solving and development of creativity, leadership and high order thinking - To inspire students about their career as an engineer 	<p>Nov 2018 to May 2019</p>	<p>Training course: HK\$0.00</p> <p>Materials for competition : HK\$9,995.10</p> <p>Total: HK\$9,995.10</p>	<ol style="list-style-type: none"> 1. Students' attendance is at least 80%. 2. All the participants find the courses useful. 3. The number of check points designed increased when compared with previous years. 	<ol style="list-style-type: none"> 1. The attendance rate cannot meet the minimum requirement as the some of S1 students were needed to attend L.A programme during lunch. Higher form students reach more than 80 % attendance rate. 2. There were eight check points designed this year which was two more than last year. 3. The complexity of the design this year increased as there were two levels of the whole design while there was only one level last year. 4. Two teams had been formed to participate the new GreenMech Movie Competition. Both teams were selected to be the Best 10 movies among all participants and the movies were uploaded in Facebook in the semi-final. 	<p>Gifted Education Committee (*MHM, KPY)</p>
<p>6. Junior Achievement Company Program</p> <ul style="list-style-type: none"> - To train up S4 & S5 students to participate in Junior Achievement Company program 	<p>Oct 2018 to Feb 2019</p>	<p>Training course and transportation: HK\$0.00</p>	<ol style="list-style-type: none"> 1. The students successfully designed and implemented their own business. 2. The management, leadership, problem solving skills and confidence of students had been enhanced. 	<ol style="list-style-type: none"> 1. Students successfully set up their own business and sold their products in school and at the trade affair. 2. Students benefited from the program by experiencing the process of starting up a business and the management of a company. The leadership, problem solving skills were much enhanced. 	<p>Gifted Education Committee (*KCH, MHM)</p>

<p>7. Creative English Writing Course</p> <p>- To train up students' creativity and communication through creative writing</p>	<p>Apr 2019 to May 2019</p>	<p>Training course: HK\$10,000.00</p>	<ol style="list-style-type: none"> 1. Students' attendance is at least 100% 2. Comments from tutor is promising 	<p>The creative writing course was conducted by the lecturer from HKU School of English. Seven S5 students have participated the course. The attendance was 100%, and all of students found the course was interesting and inspiring. Through literature appreciation, writing workshops and seminars, participants had fun and fruitful learning experience.</p>	<p>Gifted Education Committee (KYF)</p>
<p>8. School Team Sports Training Camp</p> <p>- Gifted Education for School Team Members – Generic skills, especially collaboration skills, communication skills, problem solving skills, creativity & high order thinking</p>	<p>5 Jul 2019 to 6 Jul 2019</p>	<p>Camp fee: HK\$10,000.00</p>	<ol style="list-style-type: none"> 1. At least 80% students can finish the training successfully. 2. 80% of the participants find the camp useful and meaningful. 3. The collaboration skills, communication skills and the problem solving skills have been enhanced. 4. Improvement of Teamwork had been observed. 	<ol style="list-style-type: none"> 1. Thirty six S3 - S5 students joined the training camp. 2. Students had leadership training and problem solving tasks assigned to complete. 3. Collaboration skills and communication skills have been enhanced through participating activities in the camp. 4. The attendance was over 80% and around 80% of the participants find the learning experiences useful and nearly half of the participants had intention to take up leading posts in the next academic year. 	<p>Gifted Education (MHM) & Student Council (CCH & CMH)</p>
<p>9. Preparative course and materials for Budding Scientist Award</p> <p>- To prepare students for Budding Scientist Award</p>	<p>Apr 2019 to May 2019</p>	<p>Course fee: \$0.00</p> <p>Materials: HK\$ 296.60</p> <p>Total: HK\$296.60</p>	<ol style="list-style-type: none"> 1. Participation in preparation work is more than 90%. 2. The school team was successfully entered the semi-final and obtained prizes. 3. Scientific 	<ol style="list-style-type: none"> 1. The preparative course was conducted by teachers of our school during the Easter holiday. Five students participated in the competition and their attendance is more than 90%. 2. The preparation work crashed with our school term test so the preparation time was tight this year. Due to proper division of labour, both the interview report and the scientific investigation report were completed before the deadline for 	<p>Gifted Education Committee (MHM, WAN, KPY)</p>

<ul style="list-style-type: none"> - To train up students' problem solving skills and critical thinking skills 			<p>knowledge and problem solving skills of students have been enhanced.</p>	<p>submission. 3. Our school team obtained the Best Reporter Award and the Appreciation Award.</p>	
<p>10. Subsidy for external gifted programs (including STEM – related programs)</p> <ul style="list-style-type: none"> - To subsidize students enrolled in gifted education programs offered by local tertiary institutes or external organizations. 	<p>Sept 2018 to Jul 2019</p>	<p>Course fee, materials and transportation: HK\$0.00</p>	<ol style="list-style-type: none"> 1. The students have completed the subsidized courses. 2. Students are able to reflect on their learning and aware of the benefits from the courses. 3. Students share their learning experience with schoolmates. 	<p>Grants from other resources were used to subsidize external gifted programs so the DLG grants were allocated to other areas in gifted education.</p>	<p>Gifted Education Committee (all members)</p>
<p>11. Training course for Debate Team</p> <ul style="list-style-type: none"> - To prepare students for Debate competitions - To enhance Communication, problem solving, critical thinking and leadership skills 	<p>Oct 2018 to Feb 2019</p>	<p>Course fee: HK\$7,000.00</p>	<ol style="list-style-type: none"> 1. Students' attendance is over least 80%. 2. Performance in the debate competitions. 3. Communication, problem solving and critical thinking and leadership skills of students have been enhanced. 	<ol style="list-style-type: none"> 1. Fifteen students selected by Debate Club and teachers to participate in the training course. 2. The attendance is 82% which is higher than the expected attendance rate. 3. The debate team had participated in several debate competitions, both interschool and intra-school, and their performance were highly commendable. Seven students were selected to take part in the 34th Sing Tao Inter-School Debating Competition and the team successfully got into the best 8 teams and 3D Pan Ziqing was awarded the Best Interrogative Debater (最佳交 互答問辯論員) while 5A Lam Chi Ho Alan was 	<p>Gifted Education Committee (*MHM, WAN)</p>

				<p>awarded the Best Interrogative Debater and the Best Debater in the preliminaries. 5A Yau Ka Yui was awarded the Best Debater in the semi-final.</p> <p>4. Our debate team was awarded the 2nd runner-up in Group B of the First New Territories East Debate Competition and 4D Tsui Cho Kwan and 5A Lam Chi Ho Alan was awarded the Best Debater Award.</p>	
12. Miscellaneous	Sept 2018 to Jul 2019	Application fees for competitions or activities HK\$2,960.00		<p>1. <u>The Hong Kong Academy for Gifted Education – International Junior Science Olympiad (IJSO) 2018 – Hong Kong Screening Competition (2018 Sept)</u> Preparatory course was offered to students with potential in early September. Two students, 2D Tam Ho Ming and 3C Chan Man Lai, were awarded the 3rd Class Honor Award.</p> <p>2. <u>Secondary School Mathematics and Science Competition (SSMSC) Application Fee (28 April – 1 May 2019)</u> A total of \$1,560.00 was subsidized the application fee for those applicants from S5 and S6 students. Eight students participated in this competition organized by the Faculty of Applied Science and Textiles from the Hong Kong Polytechnic University. They showed enthusiasm in both preparing and participating the competition. The results were summarized below: Biology: 1 High Distinction and 1 Proficiency Award Chemistry: 2 Distinctions, 2 Credits and 1 Proficiency Award Physics: 3 Credits</p>	

				<p>3. <u>Mock Conference (Ms Cho)</u> Two students from S5 (Cheung Lap Yin and Lam Hoi Fung) were sponsor with a total of \$800 by Gifted Education to participate in the Mock conference.</p> <p>4. <u>Australia Big Science Competition</u> Six S4 students were nominated to participate the Big Science Competition held on 15 June 2019. Students were required to complete a 1-hour test and chances would be given to students with extraordinary results to compete with other students overseas. The application fee (\$100 x 6 = \$600) was sponsored. This year no junior form students were selected as the date of competition was arranged within the Yearly-Examination.</p>	
13. Gifted activities, programmes or competitions subsidized by other grants	Sept 2018 to Jul 2019			<p>1. <u>InnoTech Expo 2018 & Docent Programme</u> Twenty-seven S4 students participated in the InnoTech Expo Docent Programme 2018 sponsored by the Our Hong Kong Foundation to have a taste of working as docents. The programme also raised students' interest in science and technology. This programme provided a career-related experiences for our students. Students were able to develop their skills in communication and collaboration. In addition, a guided tour in the Expo was arranged for all 4C students on 24 September 2018.</p> <p>2. <u>Innocarnival 2018</u> 68 students from S1C and S3C had visited the Innocarnival held in the Science Park on 7th November. This year's theme is "Innovate for a Smart Future". A guided tour was arranged for the students. It was an educational and interesting event and students participated enthusiastically in seminars, talks, guided tour, competitions and</p>	MHM

				<p>workshops. All students agreed that the activity broaden their understanding on STEM education in Hong Kong.</p> <p>3. <u>Hong Kong Academy for Gifted Education (HKAGE) nomination</u> Eight students from S1 to S5 were nominated to the annual recruitment exercise of the Hong Kong Academy for Gifted Education according to the following aspects: Mathematics, Science, Humanities and Leadership and one of the nominees was successfully accepted by the organization. However, the parents refused to register for their son to become a member of the HKAGE.</p> <p>4. <u>Academy for Talented (HKU)</u> Five students from S3 were nominated. They would be given opportunities to attend talks, learning programmes or workshops in summer.</p> <p>5. <u>CUHK Popular Science Talks: “Where are the air pollutants in Hong Kong come from?” & “Zoom into the Rocks”</u> Prof. CHAN Man Nin and Prof. Dr. Tammy from the Chinese University of Hong Kong were invited to give a talk in our school on 4th March 2019. The talk given by Prof. CHAN Man Nin was delivered to S1A and S2C students; while the other talk was given by Dr. Tammy Tam to S.4C students. During the two talks, students benefited by having a chance to communicate with the professors and to understand the life as a researcher in Hong Kong.</p> <p>6. <u>Australia National Chemistry Quiz 2019</u> Twenty-nine S.3-5 students participated in the</p>	
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				<p>Australia National Chemistry Quiz 2019. Results are as follows: 2 High Distinctions and 8 Distinctions Awards.</p> <p>7. <u>Program for the Gifted and Talented 2019 (by Faculty of Education CUHK)</u> 3A Chim Ho Yin have been successfully accepted by the institute to take both the winter course “Robotics Engineering – Build your own Arduino Robot” and the spring course “Introduction to Psychology”</p> <p>8. <u>Sharing in Morning Assembly</u> Students participating in Leadership Training Program, High School Science Camp, Faraday Challenge Day and various competitions were invited to share their experience in the Morning Assembly.</p> <p>9. <u>Faraday Challenge Day (25 May,2019)</u> Training was provided for our school team of six S2 students for the Faraday Challenge Day.</p> <p>Students developed creativity, presentation skill, manipulative skill and aesthetic development through the activity. Students’ personal and social competence were enhanced.</p> <p>Students were provided chances to have STEM education and high order thinking skills could be enhanced. They were able to learn from participants from other schools. This widens their horizon of learning.</p> <p>Students’ interests on science, technology and engineering were heightened.</p>	
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Gifted Education Committee-Use of Diversity Learning Grant
Financial Report 2018-2019

Summary:	
Item 1: mbot STEM Robot Course and Competition	\$21,039.00
Item 2: Strategic planning & interviewing skills in focused professions (For S6 students)	\$7,500.00
Item 3: Preparative course for Scientific Competitions	\$5,100.00
Item 4: Basic Japanese Course for understanding other cultures	\$8,985.00
Item 5: Training programme and materials for GreenMech Competition	\$9,995.10
Item 6: Junior Achievement Company Program	\$0.00
Item 7: Creative English Writing Course	\$10,000.00
Item 8: School Team Sports and Leadership Training Camp	\$10,000.00
Item 9: Preparative course and materials for Budding Scientist Award	\$296.60
Item 10: Subsidy for external gifted programs	\$0.00
Item 11: Training course for Debate Team	\$7,000.00
Miscellaneous	\$2,960.00
Reserve	\$1,124.30
	Total: \$84,000