

## Evaluation for the Use of Diversity Learning Grant 2013/14

### Gifted Education Committee 2013/2014

#### 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 disseminate information of gifted programmes to the targeted students

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 2013/2014 are as follows:

1. Electronics Class
2. Issue-based learning and critical thinking
3. Strategic planning (For S5 students)
4. Interviewing skills (For S6 students)
5. Public Speaking and Communicative Skills (For S4 to S5 students)
6. Introductory/Intermediate course of Chinese Medicine
7. Preparative course for Science Competitions (JSSE, HKSQ, HKSSC)
8. Astronomy programs
9. Preparative course for IJSO
10. Subsidy for external gifted programs



Renzulli (1978)

**Evaluation of Action Plan & Use of Diversity Learning Grant ( 2013-14)**

**Committee: Gifted Education Committee**

<b>Major Area(s) of Concern</b>	<b>Implementation Date</b>	<b>Expenditure</b>	<b>Performance Indicators</b>	<b>Results of Evaluation</b>	<b>Person in-charge</b>
1. Electronics Class To train up S4 & S5 students to participate in Hong Kong Student Science Competition or other competition	July 2013 to July 2014	Equipment: \$15000	1. Students' attendance is at least 80%. 2. 80% of the participants find the courses useful. 3. The creativity, programming skills and confidence of students have been enhanced	1. 10 students had attended the training course 2. The overall attendance was 85% 3. The course aimed to provide training on the manipulation of hardware & software for robot technology and prepare students for the 47 <sup>th</sup> Joint School Science Exhibition and Hong Kong Student Science Project Competition (HKSSPC). 4. As the current equipment was still in good conditions, there would be no urgent need to replace it. 5. The students were successful to create testing products and entered Final of HKSSPC. They could apply the learnt knowledge to carry out problem solving satisfactorily.	Gifted Education Committee (CSH)
2. Issue-based learning and critical thinking To train up students' problem solving skills and critical thinking skills	Sept 2011 to July 2013	Course fee \$10,000	1. Students' attendance is at least 80%. 2. 80% of the participants find the courses useful. 3. The high order thinking skills, creativity and problem solving skills of students have been enhanced.	1. 24 participants had attended at least 80% of the lessons and completed the course. 2. All participants found the course useful. 95% of students gave the overall rating of the course was good or very good. 3. The participants reflected that the instructor was professional on the subject matters. They agreed that the instructor taught and explained clearly.	LS (TWM)
3. Strategic planning(S5) To train up students' strategic planning skills & self-management. To promote their awareness on JUPAS choices of selection.	March 2014	Course fee: \$7,000	1. Students' attendance is at least 80%. 2. 80% of the participants find the course useful. 3. Students have set up at least one drafted Band A JUPAS choice during the course.	1. 30 students from S.5 participated in the course delivered by the service provider, Edvenue Limited. 2. The participation rate was over 80%. 3. Over 85% of the students reflected that the course was useful to help them to prepare for planning of JUPAS subject selection.	Gifted Education Committee (LBK, KCH)

<p>4. Interviewing skills(S6) To train up students' interviewing skills.  To prepare students for JUPAS interviews.</p>	<p>Oct 2013 to Nov 2013</p>	<p>Course fee: \$7,000</p>	<ol style="list-style-type: none"> <li>1. Students' attendance is at least 80%</li> <li>2. Each student at least had completed one mock interview.</li> <li>3. Students' confidence about JUPAS interviews enhanced.</li> </ol>	<ol style="list-style-type: none"> <li>1. 25 S.6 students participated in the workshops provided by YWCA in October. The attendance rate was 90%.</li> <li>2. The students commented that the mock interview was very helpful to prepare them for the interviews particularly for the early interview scheme.</li> <li>3. The course also enabled students to apply their learning from the course of 'strategic planning' organized for the students in S5. They applied the presentation skills and planning skills in the self introduction and mock interview.</li> <li>4. The tutors mentioned that the students had good communication skills, and some of them prepared well for the mock interview.</li> </ol>	<p>Gifted Education Committee (LBK, KCH)</p>
<p>5. Public Speaking and Communicative Skills (S4 &amp; S5) To train up students' public speaking and communication skills. To prepare students for interviews</p>	<p>Oct 2013</p>	<p>Course fee: \$4,000</p>	<ol style="list-style-type: none"> <li>1. Students' attendance is at least 80%.</li> <li>2. Each student at least had completed one speaking activity.</li> <li>3. Students' confidence about public speaking enhanced.</li> </ol>	<ol style="list-style-type: none"> <li>1. 15 S.4 to S.5 students participated in the workshops provided by Education Plus Centre in October. The attendance rate was 80%.</li> <li>2. The course trained students' presentation skills. Their confidence was enhanced.</li> <li>3. It was suggested that the course contents can be extended to different topics, and could be recommended for student leaders.</li> </ol>	<p>Gifted Education Committee &amp; Chinese Debating Club (LBK)</p>
<p>6. Chinese Medicine Course To educate students about the knowledge in Chinese Medicine To foster an appreciation about Chinese Medicine To inspire students about their career planning in Chinese Medicine</p>	<p>July 2013 to July 2014</p>	<p>Course fee: \$15,000</p>	<ol style="list-style-type: none"> <li>1. Students' attendance is at least 80%.</li> <li>2. 80% of the participants find the courses useful.</li> <li>3. The knowledge in Chinese Medicine &amp; high order thinking skills of students have been enhanced.</li> </ol>	<ol style="list-style-type: none"> <li>1. Nine S.3 to S.5 students participated in the course offered by registered Chinese Medical Doctor Mr. Suen Kwai Keung. The attendance rate was 80%.</li> <li>2. Students were equipped with knowledge in Chinese Medicine. They were able to apply their knowledge in daily life.</li> <li>3. Six participants were selected and formed 2 teams to join the Hong Kong Chinese Medicine Quiz organized by HKBU. They entered the semi-Final. Remarkable team work was demonstrated within the teams.</li> </ol>	<p>Gifted Education Committee (CSH, WOL)</p>

<p>7. Preparative course for Model Solar boat Design Competition</p>	<p>May 2014 to July 2014</p>	<p>Course fee and materials: \$4,000</p>	<ol style="list-style-type: none"> <li>1. Students' attendance is at least 80%.</li> <li>2. Students are confident about the making model solar boat.</li> <li>3. Scientific knowledge and problem solving skills of students have been enhanced</li> <li>4. Students' performance in the competition</li> </ol>	<ol style="list-style-type: none"> <li>1. Six S4 to S.5 students participated in the 3<sup>rd</sup> Model Solar Boat Challenge organized by the ATEC.</li> <li>2. 100% of the participants completed the training workshops. They cooperated to make their model boats.</li> <li>3. The students obtained 1<sup>st</sup>-runner up and Merit Award in the Best Design Competition and two Merit Awards in Speed Challenge.</li> </ol>	<p>Gifted Education Committee (CSH)</p>
<p>8. Astronomy Programs To educate students about the knowledge in Astronomy To foster an appreciation about the nature</p>	<p>Nov 2013 to May 2014</p>	<p>Course fee and materials: \$10,000</p>	<ol style="list-style-type: none"> <li>1. Students' attendance is at least 80%.</li> <li>2. 80% of the participants find the courses useful.</li> <li>3. The knowledge in Astronomy and creativity of students have been enhanced.</li> </ol>	<ol style="list-style-type: none"> <li>1. The program included astronomy course and a stargazing camp. 24 students participated in the course and 26 students joined the camp.</li> <li>2. The attendance of the course was 80%.</li> <li>3. Students commented that the course offered enormous knowledge in astronomy and the camp offered hand-on experience of operating telescopes.</li> <li>4. Leadership was trained in the stargazing camp.</li> </ol>	<p>Gifted Education Committee (CSH)</p>
<p>9. Preparative course for IJSO -Hong Kong Screening Test To prepare students for International Junior Science Competition (IJSO)-Hong Kong Screening Test. To train up students' problem solving skills and critical thinking skills.</p>	<p>Jun 2013 to Spet 2013</p>	<p>Course fee and materials: \$0</p>	<ol style="list-style-type: none"> <li>1. Students' attendance is at least 80%.</li> <li>2. 80% of the students pass the mock test.</li> <li>3. Students are confident about the IJSO screening test.</li> <li>4. Scientific knowledge and problem solving skills of students have been enhanced.</li> </ol>	<ol style="list-style-type: none"> <li>1. 15 S.1 to S.2 students were selected to join the training course in summer holiday. The attendance was 80%. Students found the course inspirational and useful.</li> <li>2. 100% of the students passed the mock test, and were able to solve higher-order thinking questions.</li> <li>3. Five students with the best results were selected to join the IJSO Hong Kong Screening 2013. They obtained Overall Champion, three First Class Awards and two Second Class Awards in the competition. They were nominated to join a training course at CUHK.</li> </ol>	<p>Gifted Education Committee (CSH, Titus)</p>

<p>10. To subsidize students enrolled in gifted education programs and competitions offered by local tertiary institutes or external organizations</p>	<p>Sept 2013 to Aug 2014</p>	<p>\$7,000</p>	<ol style="list-style-type: none"> <li>1. The students have successfully completed the subsidized courses.</li> <li>2. Students are able to reflect on their learning and aware of the benefits from the courses</li> <li>3. Students showed full commitment in the competitions</li> </ol>	<ol style="list-style-type: none"> <li>1. All the students had successfully completed the subsidized courses and submitted the certificate of completion. Students had reflected about their learning and commented that the courses were useful.</li> <li>2. The performance of students were summarized as follows: <ol style="list-style-type: none"> <li>a) Eight students participated in the Dual Program 2014 organized by HKUST two students achieved A grade and three students achieved B grade. Three Distinctions were obtained.</li> <li>b) 10 S.3 to S.5 students were nominated in the EPGY and four of them obtained High Distinction and one has been awarded a scholarship.</li> <li>c) 34 S.4 to S.5 students participated in the InnoCarnival 2013 organized by the Innovation and Technology Commission.</li> <li>d) Six students participated in the Hong Kong Chinese Medicine Quiz.</li> <li>e) S.5 students participated in the Secondary School Mathematics and Science Competition 2014 organized by the HK Polytechnic University. One Medal, three High Distinctions and over 20 awards were obtained.</li> <li>f) 11 S4 to S5 students participated in the ‘Forensic Science Training Camp’ organized by the Hong Kong Federation of Youth Groups.</li> <li>g) 43 S.3 to S.6 students participated in the Australian National Chemistry Quiz 2014.</li> </ol> </li> </ol>	<p>Gifted Education Committee</p>
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				h) 20 S.4 to S.5 students participated in High School Science Camp organized by China Association for Science and Technology. i) Three S.2 students joined the John Hopkins University CTY Programme.	
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Gifted Education Committee-Use of Diversity Learning Grant  
Financial Report 2013-2014

Summary:	Item 1: Electronics Class	\$15,000
	Item 2: Issue-based learning and critical thinking	\$10,000
	Item 3: Strategic planning (For S5 )	\$7,000
	Item 4: Interviewing skills (For S6)	\$7,000
	Item 5 : Public Speaking and Communicative Skills (For S4 to S5 students)	\$4,000
	Item 6: Introductory/Intermediate course of Chinese Medicine	\$19,500
	Item 7: Preparative course for Science Competitions (JSSE / HKSQ, HKSSC)	\$4,000
	Item 8: Astronomy programs	\$10,000
	Item 9: Preparative course for IJSO	\$0
	Item 10: Subsidy for external gifted programs	\$10,000
	Miscellaneous & Reserve	\$18,500
		<b>Total: \$105,000</b>