

**Sha Tin Government Secondary School**  
**Gifted Education Committee: Use of Diversity Learning Grant 2015-2016**

**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.

**SWOT Analysis**

**Strengths:** The school shows full support to the development of gifted education and there exist not few high achieving students in various disciplines in our school.

**Weaknesses:** Some high achieving students are heavily occupied by a lot of extra-curricular activities and posts of responsibilities, and are unable to participate in gifted education activities.

**Opportunities:** Gifted education is developing at accelerating speed in recent years and the number and variety of gifted education activities have been significantly increased.

**Threats:** The frequent change of composition of gifted education committee due to staff posting does not benefit to sustainable development.

**Year Plan under Diversity Learning Grant (DLG)**

The activities to be carried out in the academic year 2015/2016 are as follows:

1. ROV Class for Inter-school ROV Competition
2. Putonghua Enhancement Course (For S3-S4 students)
3. Strategic planning & Interviewing skills in focused professions (For S6 students)
4. Preparative course for Scientific Competitions
5. Arduino Programming course for applications
6. Preparative Course for Inter-school Chinese Medicine Competition
7. Junior Achievement Company Program 2015
8. Creative English Writing Course
9. English Debating Course
10. Preparative course for Hong Kong Schools Magic Competition
11. Preparative course for International Junior Science Olympiad (IJSO)
12. Faraday Challenge Day 2016
13. Subsidy for external gifted programs



Renzulli (1978)

**Sha Tin Government Secondary School**  
**Use of Diversity Learning Grant 2015-2016**

**Item 1: ROV Class (Remotely Operated Vehicle) for Inter-school ROV Competition**

<b>Task Area</b>	<b>Major Area(s) of Concern</b>	<b>Implementation Plan</b>	<b>Benefits Anticipated</b>	<b>Implementation Schedule</b>	<b>Resources Required</b>	<b>Performance Indicators</b>	<b>Assessment Mechanism</b>	<b>Person-in-charge</b>
Gifted Education for S4-S5 – STEM (Science, Technology, Engineering, Mathematics) Creativity High order thinking communication and leadership	To educate students about the knowledge in ROV  To foster application of STEM for problem solving and development of communication skills and leadership	1. A company / tutor specialized in ROV training is hired to provide training to students.  2. Equipment for the training procured  3. Participation in Inter-school ROV competition	The application of STEM in design and making of ROV for Inter-schools ROV competition enhance the development of creativity, high order thinking communication skills and leadership of students	From Sept 2015 to July 2016	Training course (60 hrs): HK\$30,000	1. Students' attendance is at least 80%.  2. 80% of the participants find the courses useful.  3. The knowledge in STEM, creativity, high order thinking, communication skills and leadership of students have been enhanced.	1. Students' attendance  2. Evaluation form  3. Performance in Inter-school ROV competition	Gifted Education Committee (*WAN *TSN)
					Total: \$30,000			

**Item 2: Putonghua Enhancement Course (For S3-S4 students)**

<b>Task Area</b>	<b>Major Area(s) of Concern</b>	<b>Implementation Plan</b>	<b>Benefits Anticipated</b>	<b>Implementation Schedule</b>	<b>Resources Required</b>	<b>Performance Indicators</b>	<b>Assessment Mechanism</b>	<b>Person-in-charge</b>
Gifted Education for S3-S4 students – Putonghua Enhancement Course (Quota: around 20 students)	To enhance students' Putonghua proficiency especially in speaking and the ability in reading as well as spelling with Hanyu Pinyin	<ol style="list-style-type: none"> <li>1. A native speaker from a Putonghua language school will be hired to train up students' ability in Putonghua communication</li> <li>2. A screening test will be carried out to select students</li> </ol>	<ol style="list-style-type: none"> <li>1. To enhance students' Putonghua proficiency especially in speaking and the ability in reading as well as spelling with Hanyu Pinyin</li> <li>2. To improve students' communication skills</li> <li>3. To prepare students for the Putonghua Proficiency Test</li> </ol>	From November 2015 to July 2016	Training course: (12 lessons; 18 hours in total) HK\$10,000	<ol style="list-style-type: none"> <li>1. Students' attendance is at least 80%.</li> <li>2. 80% of the participants find the course useful.</li> <li>3. The Putonghua proficiency of students has been enhanced.</li> </ol>	<ol style="list-style-type: none"> <li>1. Students' attendance</li> <li>2. Students' performance in class activities</li> <li>3. Evaluation form</li> </ol>	Putonghua (*THL, MHK)  Gifted Education Committee (CSH)

**Item 3: Strategic planning & Interviewing skills in focused professions (For S6 students)**

<b>Task Area</b>	<b>Major Area(s) of Concern</b>	<b>Implementation Plan</b>	<b>Benefits Anticipated</b>	<b>Implementation Schedule</b>	<b>Resources Required</b>	<b>Performance Indicators</b>	<b>Assessment Mechanism</b>	<b>Person-in-charge</b>
Gifted Education for S6-planning and management, Social competence and communication	<p>To train up students' strategic planning skills &amp; self-management skills</p> <p>To promote their awareness on JUPAS choices of selection</p> <p>To train up students' interviewing skills in focused professions</p>	<p>1. A company / tutor specialized in problem based learning and skill training, and interviewing skills will be hired to provide training and mock interviews to students.</p>	<p>1. To train up students with skills in planning and self-management, communicative and interviewing skills</p> <p>2. To reduce students' uncertainty about JUPAS.</p>	From September 2015 to July 2016	<p>Training course: (9 hours) x 2 classes HK\$15,000 (From Healthy School Program)</p> <p>Stationery \$300</p>	<p>1. Students' attendance is at least 80%.</p> <p>2. 80% of the participants find the course useful.</p> <p>3. Students have carried out focus studying at one JUPAS choice.</p> <p>4. Students have prepared for self introduction</p>	<p>1. Students' attendance</p> <p>2. Evaluation form</p> <p>3. Students' performance in class activities, self introduction and mock interviews</p>	<p>Gifted Education Committee (*KCH, KYF, MHM, CSH)</p> <p>Careers Committee (KCL)</p>
					Total: \$300			

**Item 4: Preparative course for Scientific Competitions**

<b>Task Area</b>	<b>Major Area(s) of Concern</b>	<b>Implementation Plan</b>	<b>Benefits Anticipated</b>	<b>Implementation Schedule</b>	<b>Resources Required</b>	<b>Performance Indicators</b>	<b>Assessment Mechanism</b>	<b>Person-in-charge</b>
Gifted Education for S4 – S6	To prepare students for Joint School Science Competition / other competitions  To train up students' problem solving skills, critical thinking skills and research skills	A tutor will be hired to provide training to students.  Visits to exhibition, seminars and workshops are organized	1. To prepare students well for Joint School Science Competition/ other competitions  2. Scientific knowledge and problem solving skills of students have been enhanced.	From July 2015 to August 2016	Training course: (40 hours) HK\$10,000	1. Students' attendance is at least 80%.  2. 100% of the students pass the mock test.  3. Students are confident about the IJSO screening test.  4. Scientific knowledge and problem solving skills of students have been enhanced.	1. Students' attendance  2. Students' performance in Scientific competitions	Gifted Education Committee (*CSH, *WAN, *MHM)
					Total: \$10,000			

**Item 5: Arduino Programming course for applications**

<b>Task Area</b>	<b>Major Area(s) of Concern</b>	<b>Implementation Plan</b>	<b>Benefits Anticipated</b>	<b>Implementation Schedule</b>	<b>Resources Required</b>	<b>Performance Indicators</b>	<b>Assessment Mechanism</b>	<b>Person-in-charge</b>
Gifted Education for S4 & S5 – Creativity & High order thinking	To train up S4 & S5 students in Arduino programming related to designs and applications	A company / tutor specialized in Arduino programming training skills will be hired to provide training to students.	<ol style="list-style-type: none"> <li>To train up students with Arduino programming skills</li> <li>To enhance their creativity, high order thinking skills and programming skills</li> </ol>	From July 2015 to July 2016	Training course (12 hrs): HK\$5,000	<ol style="list-style-type: none"> <li>Students' attendance is at least 80%.</li> <li>80% of the participants find the courses useful.</li> <li>The creativity skills, programming skills and high order thinking skills of students have been enhanced.</li> </ol>	<ol style="list-style-type: none"> <li>Students' attendance</li> <li>Evaluation form</li> <li>Performance in programming competition</li> </ol>	Gifted Education Committee (*TSN, WAN)
					Total: \$5,000			

**Item 6: Preparative Course for Inter-school Chinese Medicine Competition**

<b>Task Area</b>	<b>Major Area(s) of Concern</b>	<b>Implementation Plan</b>	<b>Benefits Anticipated</b>	<b>Implementat ion Schedule</b>	<b>Resources Required</b>	<b>Performance Indicators</b>	<b>Assessment Mechanism</b>	<b>Person-in-charge</b>
Gifted Education for S3 to S5 – Knowledge of Chinese Medicine & High order thinking	To prepare students for Inter-school Chinese Medicine Competition  To foster an appreciation about Chinese Medicine  To inspire students about their career planning in Chinese Medicine or related professions	1. A company / tutor specialized in the Chinese Medicine is hired to provide training to students.  2. Equipment for the training procured	1. The knowledge in Chinese Medicine and high order thinking skills have been enhanced.  2. Students are able to complete an investigative study on Chinese Medicine	From Sept 2015 to July 2016	Training course 14 hours HK\$7,000	1. Students’ attendance is at least 80%.  2. 80% of the participants find the courses useful.  3. The knowledge in Chinese Medicine & high order thinking skills of students have been enhanced.	1. Students’ attendance  2. Evaluation form  3. Performance in student project and competition	Gifted Education Committee (*CSH, MHM)
					\$7,000			

**Item 7. Junior Achievement Company program**

<b>Task Area</b>	<b>Major Area(s) of Concern</b>	<b>Implementation Plan</b>	<b>Benefits Anticipated</b>	<b>Implementation Schedule</b>	<b>Resources Required</b>	<b>Performance Indicators</b>	<b>Assessment Mechanism</b>	<b>Person-in-charge</b>
Gifted Education for S4 & S5 – Creativity & High order thinking, problem solving skills	To train up S4 & S5 students to participate in Junior Achievement Company program	<ol style="list-style-type: none"> <li>1. The students would receive a structured training of 53 hours from Junior Achievement Hong Kong</li> <li>2. Students would design and implement their own business</li> <li>3. Students would present their design and the results in the competition</li> </ol>	<ol style="list-style-type: none"> <li>1. To train up students with management, leadership, communication and problem solving skills</li> <li>2. To extend the horizon and develop confidence of students</li> </ol>	From July 2015 to July 2016	Buying materials:: HK\$2,000	<ol style="list-style-type: none"> <li>1. Students' attendance is at least 80%.</li> <li>2. The students successfully designed and implemented their own business.</li> <li>3. The management, leadership, problem solving skills and confidence of students have been enhanced.</li> </ol>	<ol style="list-style-type: none"> <li>1. Students' attendance</li> <li>2. Evaluation form</li> <li>3. Performance in competition</li> </ol>	Gifted Education Committee (*KCH, MHM, CSH)  Economics Dept (WWY)
					Total: \$2,000			



**Item 8: Creative Writing Course**

<b>Task Area</b>	<b>Major Area(s) of Concern</b>	<b>Implementation Plan</b>	<b>Benefits Anticipated</b>	<b>Implementation Schedule</b>	<b>Resources Required</b>	<b>Performance Indicators</b>	<b>Assessment Mechanism</b>	<b>Person-in-charge</b>
Gifted Education for S4, 5 – Creativity and Communication	To train up students' creativity and communication through creative writing	1. To work in collaboration with The University of Hong Kong to develop a short-term program to train up the creative writing skills of students	1. Creativity, Communication and English writing ability of students have been enhanced 2. Sharing of learning outcomes through publication or open sharing	From Sept 2015 to August 2016	Training course: (18 hours) HK\$15,000	1. Students' attendance is at least 80% 2. Students show ability to appreciate English Literature and write poems or other creative writing products	1. Students' attendance 2. Students' performance in creative writing	Gifted Education Committee (*KYF, CSH)
					Total: \$15,000			

**Item 9: English Debating Course (Inter-school Debate Competition)**

<b>Task Area</b>	<b>Major Area(s) of Concern</b>	<b>Implementation Plan</b>	<b>Benefits Anticipated</b>	<b>Implementation Schedule</b>	<b>Resources Required</b>	<b>Performance Indicators</b>	<b>Assessment Mechanism</b>	<b>Person-in-charge</b>
Gifted Education for S2 to S5 – Analytical skills, high-order thinking and communication	To train up students' to participate in NESTA Debate competition and Inter-government School Debate Competitions	A company / tutor specialized in Debate training is hired to provide training to students.	1. To train up students with analytical and communicative skills, and enable them to apply the skills in Inter-school debate competitions  2. To enhance students' confidence in verbal presentation skills and debating skills.	From Sept 2015 to July 2016	Training course: 15 hours HK\$5,000	1. Students' attendance is at least 80%.  2. Each student at least had completed one Debate exercise.  3. Students' confidence about debating and verbal presentation enhanced.	1. Students' attendance  2. Evaluation form  3. Students' performance in class activities and NESTA Debate competition	English Debating Club  Gifted Education Committee (*KYF)
					\$5,000			

**Item 10: Preparative course for Hong Kong Schools Magic Competition**

<b>Task Area</b>	<b>Major Area(s) of Concern</b>	<b>Implementation Plan</b>	<b>Benefits Anticipated</b>	<b>Implementation Schedule</b>	<b>Resources Required</b>	<b>Performance Indicators</b>	<b>Assessment Mechanism</b>	<b>Person-in-charge</b>
Gifted Education for S1-S5 Creativity, Presentation skill, Manipulative skill and Aesthetic Development	To train up S1-5 students to participate in Hong Kong Schools Magic Competition	<ol style="list-style-type: none"> <li>1. Training course will be provided by an external instructor.</li> <li>2. Class size will be 10-15</li> <li>3. Equipment and materials for preparing magic show and magic competition would be procured</li> </ol>	<ol style="list-style-type: none"> <li>1. To train up students with creativity, presentation skill, manipulative skill, and aesthetic development</li> <li>2. To enhance their personal and social competence and confidence through team work and stage performance</li> </ol>	From September 2015 to July 2016, on school days and/or Saturdays	Course fee (40 hrs): HK \$20,000 (By OEPG)  Resource fee by DLG: HK\$500	<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 creativity, presentation skill, manipulative skill and confidence have been enhanced</li> </ol>	<ol style="list-style-type: none"> <li>1. Students' attendance</li> <li>2. Evaluation form</li> <li>3. Performance in school and in Hong Kong Schools Magic Competition</li> </ol>	Gifted Education Committee (*MHM, CSH)
					Total: \$500			

**Item 11: Preparative course for International Junior Science Olympiad (IJSO)**

<b>Task Area</b>	<b>Major Area(s) of Concern</b>	<b>Implementation Plan</b>	<b>Benefits Anticipated</b>	<b>Implementation Schedule</b>	<b>Resources Required</b>	<b>Performance Indicators</b>	<b>Assessment Mechanism</b>	<b>Person-in-charge</b>
Gifted Education for S1, 2 – Scientific knowledge and problem solving skills	To prepare students for International Junior Science Competition (IJSO)-Hong Kong Screening Test  To train up students' problem solving skills and critical thinking skills	1. The science teachers and TA (Sci) will be responsible for providing training to students.	1. To prepare students well for International Junior Science Competition (IJSO)-Hong Kong Screening Test  2. Scientific knowledge and problem solving skills of students have been enhanced	From July 2015 to August 2016	Stationery HK\$200	1. Students' attendance is at least 80%  2. 80% of the students passes the mock test  3. Students are confident about the IJSO screening test  4. Scientific knowledge and problem solving skills of students have been enhanced	1. Students' attendance 2. Students' performance in mock test and IJSO screening test	Gifted Education Committee (*CSH, MHM)
					Total: \$200			

**Item 12: Faraday Challenge Day 2016**

<b>Task Area</b>	<b>Major Area(s) of Concern</b>	<b>Implementation Plan</b>	<b>Benefits Anticipated</b>	<b>Implementation Schedule</b>	<b>Resources Required</b>	<b>Performance Indicators</b>	<b>Assessment Mechanism</b>	<b>Person-in-charge</b>
Gifted Education for S3 to S5 – Science, Technology, Engineering and Mathematics	To co-organize Faraday Challenge Day for the education of STEM  To foster development of creativity, collaboration,  To inspire students about their career planning in Science and Engineering	1. To work in collaboration with Institute of Engineering and Technology  2. To host the event and to invite five more Government Schools to join the competition	1. The knowledge in STEM and high order thinking skills have been enhanced.  2. Students are able to apply their previous knowledge to design an scientific equipment and vehicle to complete the required tasks.	From Sept 2015 to July 2016	Stationery and poster: 1,000	1. Students' attendance is at least 80%.  2. 80% of the participants find the competition and workshop interesting and useful  3. The knowledge in STEM & high order thinking skills of students have been enhanced.	1. Students' attendance  2. Evaluation form  3. Performance of student in the competition	Gifted Education Committee (*MHM, WAN)
					\$1,000			

**Item 13: Subsidy for external gifted programs**

<b>Task Area</b>	<b>Major Area(s) of Concern</b>	<b>Implementation Plan</b>	<b>Benefits Anticipated</b>	<b>Implementation Schedule</b>	<b>Resources Required</b>	<b>Performance Indicators</b>	<b>Assessment Mechanism</b>	<b>Person-in-charge</b>
Gifted Education for S4-S6	To subsidize students enrolled in gifted education programs offered by local tertiary institutes or external organizations.	<ol style="list-style-type: none"> <li>1. In September, inform S4-S6 students about the details of application.</li> <li>2. Collect applications on a monthly basis.</li> <li>3. Refund payments after students' completion of the courses.</li> <li>4. Collect students' feedback from the courses.</li> </ol>	<ol style="list-style-type: none"> <li>1. Students are more committed in the gifted education programs.</li> <li>2. Students have reflected on what they have learnt from the courses.</li> </ol>	Sept. 2015 – Aug. 2016	\$4,000	<ol style="list-style-type: none"> <li>1. The students have 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 share their learning experience with schoolmates.</li> </ol>	<ol style="list-style-type: none"> <li>1. Copies of Certificate</li> <li>2. Evaluation form</li> </ol>	Gifted Education Committee (*CSH)
					Total: \$4,000			

**Use of Diversity Learning Grant 2015-2016**

Summary:	Item 1: ROV Class for Inter-school ROV Competition	\$30,000
	Item 2: Putonghua Enhancement Course (For S3-S4 students)	\$10,000
	Item 3: Strategic planning & Interviewing skills in focused professions (For S6 students)	\$300
	Item 4: Preparative course for Scientific Competitions	\$10,000
	Item 5: Arduino Programming course for applications	\$5,000
	Item 6: Preparative Course for Inter-school Chinese Medicine Competition	\$7,000
	Item 7: Junior Achievement Company Program 2015	\$2,000
	Item 8: Creative English Writing Course	\$15,000
	Item 9: English Debating Course	\$5,000
	Item 10: Preparative course for Hong Kong Schools Magic Competition	\$500
	Item 11: Preparative course for International Junior Science Olympiad (IJSO)	\$200
	Item 12: Faraday Challenge Day 2016	\$1,000
	Item 13: Subsidy for external gifted programs	\$4,000
	Miscellaneous	\$1,000
		<b>Total: \$91,000</b>