

**Sha Tin Government Secondary School**  
**Gifted Education Committee: Use of Diversity Learning Grant 2019-2020**

**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 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 2019/2020 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. Advanced Japanese Course for understanding other cultures
5. Training programme and materials for GreenMech Competition
6. Junior Achievement Company Programme
7. English Creative Writing Programme
8. School Team Sports and Leadership Training Camp
9. Preparative course and materials for Budding Scientist Award
10. Training course for Debate Team
11. Preparative course for Putonghua Examination (PSK) 青少年國家語委普通話水平測試導試班



Renzulli (1978)

**Sha Tin Government Secondary School**  
**Gifted Education Committee Action Plan 2019-2020**

**Item 1: mbot STEM Robot Course and 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 scratch language as basic and/or advanced level  To foster application of STEM for problem solving and development of communication skills and leadership	1. A company / tutor specialized in mbot training is hired to provide training to students. 2. Equipment for the training procured 3. Participation in inter-school mbot competition	1. The application of STEM in design and making of mbot for Inter-schools mbot competition will be enhanced. 2. The development of creativity, high order thinking, Communication skills and leadership of students will be enhanced.	From Sep 2019 to Jul 2020	Training course (12 hrs): HK\$14,000	1. Students' attendance is at least 75%. 2. 75% of the participants find the courses useful. 3. The knowledge in STEM, creativity, high order thinking, communication skills and leadership of students.	1. Students' attendance 2. Evaluation form 3. Performance in inter-school mbot competitions	Gifted Education Committee (* WAN *TSN)
					Total: \$14,000			

**Item 2: 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	To train up students' strategic planning skills & self-management skills  To promote their awareness on JUPAS choices of selection  To train up students' interviewing skills in focused professions	A company / tutor specialized in problem based learning and skill training, and interviewing skills will be hired to provide training and mock interviews for students.	1. Skills in planning and self-management, communicative and interviewing skills will be enhanced. 2. Students' uncertainty about JUPAS will be reduced.	From Sep 2019 to Jul 2020	Training course: (12 hours) classes HK\$8,000	1. Students' attendance is at least 75%. 2. 75% of the participants find the course useful. 3. Students have carried out focus studying at one JUPAS choice. 4. Students have prepared for self-introduction.	1. Students' attendance 2. Evaluation form 3. Students' performance in class activities, self-introduction and mock interviews	Gifted Education Committee (*KCH)  Careers Committee (CNY, NLW)
					Total: \$8,000			

**Item 3: 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 science competitions (e.g. Biology Literacy Award)  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. Students will be well prepared for science competitions.  2. Scientific knowledge and problem solving skills of students will be enhanced.	From Jul 2019 to Aug 2020	Training course: (10 hours) HK\$8,000	1. Students' attendance is at least 75%.  2. Students are confident about screening test.  3. Scientific knowledge and problem solving skills of students have been enhanced.	1. Students' attendance  2. Students' performance in Scientific competitions	Gifted Education Committee (*MHM, *WAN)
					Total: \$8,000			

**Item 4: Advanced Japanese course for understanding other cultures**

<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 Communication	To equip students with Japanese at basic level  To enhance students' Japanese competency	A tutor will be hired to provide training to students.	1. Students will be able to speak and write simple Japanese. 2. Students will be able to accumulate learning hours in Japanese for further study in Japanese of higher levels.	From Oct 2019 to April 2020	Training course (20 hrs): HK\$12,000	1. Students' attendance is at least 75%. 2. 75% of the participants find the courses useful.	1. Students' attendance 2. Evaluation form	Gifted Education Committee (*MHM, WCL)  Japanese Culture & Studies Club (WWY)
					Total: \$12,000			

**Item 5: Training programme and materials for GreenMech 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>
<p>Gifted Education for S3 to S5</p> <p>Creativity</p> <p>Problem Solving Skills</p> <p>Leadership &amp; High order thinking</p>	<p>To prepare students for Inter-school GreenMech Competition</p> <p>To foster application of STEM for problem solving, development of creativity, leadership and high order thinking</p> <p>To inspire students about their career as an engineer</p>	<p>1. A tutor specialized in the GreenMech will be hired to provide training to students before the competition.</p> <p>2. Equipment for the training will be procured.</p>	<p>1. The knowledge in using building blocks to design check point with the use of science theory and concept of green power will be developed.</p> <p>2. Problem solving, leadership and high order thinking skills will be enhanced.</p> <p>3. Students will be able to complete the task required by the organization.</p>	<p>From Nov 2019 to May 2020</p>	<p>Training course (10 hours) &amp; materials</p> <p>HK\$3,000</p>	<p>1. Students' attendance is at least 75%.</p> <p>2. 75% of the participants find the courses useful.</p> <p>3. The success of smooth running of check points designed.</p>	<p>1. Students' attendance</p> <p>2. Evaluation form</p> <p>3. Performance in student project and competition</p>	<p>Gifted Education Committee (*MHM, WAN)</p>
					<p>Total:</p> <p>\$3,000</p>			

**Item 6: Junior Achievement Company Programme**

<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>
<p>Gifted Education for S4 &amp; S5</p> <p>Creativity &amp; High order thinking</p> <p>Problem solving skills</p>	<p>To train up S4 &amp; S5 students to participate in Junior Achievement Company program</p>	<p>1. The students would receive a structured training from Junior Achievement Hong Kong.</p> <p>2. Students would design and implement their own business.</p> <p>3. Students would present their design and the results in the competition.</p>	<p>1. The management, leadership, communication and problem solving skills will be enhanced.</p> <p>2. The horizon will be widened and confidence of students will be developed.</p>	<p>From Jul 2019 to Jul 2020</p>	<p>Buying materials: HK\$1,000</p>	<p>1. Students' Questionnaire satisfaction rate is at least 75%.</p> <p>2. The students successfully designed and implemented their own business.</p> <p>3. The management, leadership, problem solving skills and confidence of students have been enhanced.</p>	<p>1. Students' attendance</p> <p>2. Evaluation form</p> <p>3. Performance in competition</p>	<p>Gifted Education Committee (*KCH, MHM)</p> <p>Economics Department (WWY)</p>
					<p>Total: \$1,000</p>			

**Item 7: English Creative Writing Programme**

<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 and Communication	To train up students' creativity and communication through creative writing	To work in collaboration with Hong Kong University or other language institute to develop a short-term program to train up the creative writing skills of students.	1. Creativity, Communication and English writing ability of students will be enhanced. 2. Opportunities of sharing learning outcomes through publication or open sharing will be given.	From Oct 2019 to Aug 2020	Training course: (15 hours) HK\$10,000	1. Students' attendance is at least 75%. 2. Students' 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 (*WCL)
					Total: \$10,000			



### Item 8: School Team Sports and Leadership Training Camp

<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 School Team Members  Generic Skills  Especially collaboration skills  Communication skills  Problem solving skills  Creativity & High order thinking	To build up teamwork among the teammates and strengthen their discipline  To train students the skills of problem solving in a team  To strengthen individual skills in a sport	1. School teams will be invited to participate in the training camp. 2. The camp will be focused on enhancing the participants' skills in organization, leadership, team work and decision making. 3. Around 40 students will be selected.	1. Collaboration skills and communication skills will be enhanced. 2. The personal and social competence as well as confidence will be developed through team work and activities. 3. The skills in different kinds of sports will be enhanced.	In Early Jul 2020, post - exam activity	Camp Fees: HK \$ 8,000 (Including accommodation and facilities for 3 days and 2 nights)	1. At least 75% students can finish the training successfully. 2. 75% of the participants find the camp useful and meaningful. 3. The collaboration skills, communication skills and the problem solving skills will be enhanced. 4. Improvement of teamwork	1. Evaluation form 2. Performance in the Training Camp 3. Sharing session	PE Department (LWL & CMH)  Gifted Education Committee (MHM)
					Total: \$8,000			

**Item 9: Preparative course and materials for Budding Scientist Award**

<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>
<p>Gifted Education for S3-S4</p> <p>Scientific knowledge and problem solving skills</p>	<p>To prepare students for Budding Scientist Award</p> <p>To train up students' problem solving skills and critical thinking skills</p>	<p>The science teachers, TA (Sci) or a hired tutor will be responsible for providing training to students.</p>	<p>1. The participants are well prepared for the Budding Scientist Award.</p> <p>2. Scientific knowledge and problem solving skills of students will be enhanced.</p>	<p>From Feb 2019 to Jul 2020</p>	<p>Stationery, materials for scientific investigation and course fee HK\$1,000</p>	<p>1. Students' attendance is at least 75%.</p> <p>2. Quality of the scientific report.</p> <p>3. Performance in the Budding Scientist Award semi-final and final.</p> <p>4. Scientific knowledge and problem solving skills of students have been enhanced.</p>	<p>1. Students' attendance</p> <p>2. Students' performance in semi-final and final</p>	<p>Gifted Education Committee (*MHM, WAN, WCL)</p>
					<p>Total: \$1,000</p>			

**Item 10: Training course for Debate Team**

<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-S5  Communication, problem solving, critical thinking and leadership	To prepare students for debate competitions  To enhance communication, problem solving, critical thinking and leadership skills	A tutor will be hired to conduct a comprehensive debate training for students selected for debate competitions.	1. Students are well prepared for interschool debate competitions.  2. Skills concerning communication, problem solving, critical thinking and leadership will be enhanced.	From Feb 2019 to April 2020	Course fee HK\$8,000	1. Students' attendance is at least 75%.  2. Performance in the debate competitions.  3. Communication, problem solving and critical thinking and leadership skills of students have been enhanced.	1. Students' attendance  2. Students' performance in competitions	Gifted Education Committee (*MHM)  Joint with ECA committee and Debate Club (TML, CFL)
					Total: \$8,000			

**Item 11: Preparative course for Putonghua Examination (PSK) 青少年國家語委普通話水平測試導試班**

<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 Communication	To equip students for the Putonghua Examination (PSK)  To enhance students' Putonghua competency	A tutor will be hired to provide training to students.	1. Students will be able to speak Putonghua more fluently. 2. Students will be familiar with different question types for the examination	From Oct 2019 to April 2020	Training course (15 hrs): HK\$11,000	1. Students' attendance is at least 75%. 2. 75% of the participants find the courses useful.	1. Students' attendance 2. Test results 3. Comments from the tutor 4. Evaluation form	Gifted Education Committee (*MHM, WAN)  Putonghua Department (YSF)
					Total: \$11,000			

### Use of Diversity Learning Grant 2019-2020

Summary:	Item 1: mbot STEM Robot Course and Competition	14,000.00
	Item 2: Strategic planning & interviewing skills in focused professions (For S6 students)	8,000.00
	Item 3: Preparative course for Scientific Competitions	8,000.00
	Item 4: Advanced Japanese course for understanding other cultures	12,000.00
	Item 5: Training programme and materials for GreenMech Competition	3,000.00
	Item 6: Junior Achievement Company Programme	1,000.00
	Item 7: English Creative Writing Programme	10,000.00
	Item 8: School Team Sports and Leadership Training Camp	8,000.00
	Item 9: Preparative course and materials for Budding Scientist Award	1,000.00
	Item 10: Training course for Debate team	8,000.00
	Item 11: Preparative course for Putonghua Examination (PSK) 青少年國家語委普通話水平測試導試班	11,000.00
		<b>Total: \$84,000</b>