

Sha Tin Government Secondary School
Gifted Education Committee: Use of Diversity Learning Grant 2014-2015

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 2014/2015 are as follows:

1. Astronomy Class (For S4 – S5 students)
2. Issue-based learning and critical thinking (For S5 students)
3. Strategic planning & Interviewing skills in focused professions (For S6 students)
4. Preparative course for Scientific Competitions (JSSE)
5. Focused Skills in Scientific Research
6. Junior Achievement Company Program 2014
7. Subsidy for external gifted programs



Renzulli (1978)

Sha Tin Government Secondary School
Use of Diversity Learning Grant 2014-2015

Item 1: Astronomy Program (NSS Astronomy & Astrophotography)

Task Area	Major Area(s) of Concern	Implementation Plan	Benefits Anticipated	Implementation Schedule	Resources Required	Performance Indicators	Assessment Mechanism
Gifted Education for S4-S5 – Knowledge of NSS Astronomy and Astrophotography	To educate students about the knowledge in NSS Physics- Astronomy and Astrophotographic skills To foster an appreciation about the nature	1. A company / tutor specialized in the organizing Astronomy programs is hired to provide training to students. 2. Equipment for the training procured	The knowledge in Astronomy and astrophotography and creativity have been enhanced	From Sept 2014 to July 2015	Training course and astronomy camp: 20 hours HK\$15,000	1. Students' attendance is at least 80%. 2. 80% of the participants find the courses useful. 3. The knowledge in Astronomy, astrophotography, and creativity of students have been enhanced.	1. Students' attendance 2. Evaluation form 3. Performance in class activity and astronomy camp
					Total: \$15,000		

Item 2: Issue-based learning and critical thinking

Task Area	Major Area(s) of Concern	Implementation Plan	Benefits Anticipated	Implementation Schedule	Resources Required	Performance Indicators	Assessment Mechanism
Gifted Education for S5-Creativity & High order thinking	To train up students' problem solving skills and critical thinking skills.	<ol style="list-style-type: none"> 1. A company / tutor specialized in problem based learning and skill training be hired to provide training to students. 2. A screening test will be carried out to select students. 	<ol style="list-style-type: none"> 1. To train up students with problem solving skills and critical thinking skills. 2. To promote students' awareness on public affairs. 3. To enhance their personal and social competence and confidence through team work and competition . 	From September 2014 to July 2015	Training course: (4.5 hours) HK\$10,000	<ol style="list-style-type: none"> 1. Students' attendance is at least 80%. 2. 80% of the participants find the course useful. 3. The high order thinking skills, creativity and problem solving skills of students have been enhanced. 	<ol style="list-style-type: none"> 1. Students' attendance 2. Students' performance in class activities 3. Evaluation form
					Total: \$10,000		

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

Task Area	Major Area(s) of Concern	Implementation Plan	Benefits Anticipated	Implementation Schedule	Resources Required	Performance Indicators	Assessment Mechanism
Gifted Education for S6-planning and management, Social competence and communication	<p>To train up students' strategic planning skills & 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 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 2014 to July 2015	<p>Training course: (6 hours) HK\$9,000</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>
					Total: \$9,000		

Item 4: Preparative course for Scientific Competitions

Task Area	Major Area(s) of Concern	Implementation Plan	Benefits Anticipated	Implementation Schedule	Resources Required	Performance Indicators	Assessment Mechanism
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.	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 2014 to August 2015	Training course: (40 hours) HK\$20,000	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
					Total: \$20,000		

Item 5: Focused Skills in Scientific Research

Task Area	Major Area(s) of Concern	Implementation Plan	Benefits Anticipated	Implementation Schedule	Resources Required	Performance Indicators	Assessment Mechanism
Gifted Education for S4 & S5- Research Skills, Creativity & High order thinking	To train up S4 & S5 students to participate 1 + 1 University supported Research Program	3. A company / tutor specialized in training skills in scientific research will be hired to provide training to students.	1. To train up students with research skills and proposal writing and report writing 2. To enhance their high order thinking skills and confidence	From July 2014 to July 2015	Training course: HK\$14,000	1. Students' attendance is at least 80%. 2. 80% of the participants find the courses useful. 3. The research skills and confidence of students have been enhanced.	1. Students' attendance 2. Evaluation form 3. Performance in 1 + 1 university supported research program
					Total: \$14,000		

Item 6. Junior Achievement Company program

Task Area	Major Area(s) of Concern	Implementation Plan	Benefits Anticipated	Implementation Schedule	Resources Required	Performance Indicators	Assessment Mechanism
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"> 1. The students would receive a structured training of 53 hours from Junior Achievement Hong Kong 2. Students would design and implement their own business 3. Students would present their design and the results in the competition 	<ol style="list-style-type: none"> 1. To train up students with management, leadership, communication and problem solving skills 2. To extend the horizon and develop confidence of students 	From July 2014 to July 2015	Training course: HK\$5,000	<ol style="list-style-type: none"> 1. Students' attendance is at least 80%. 2. The students successfully designed and implemented their own business. 3. The management, leadership, problem solving skills and confidence of students have been enhanced. 	<ol style="list-style-type: none"> 1. Students' attendance 2. Evaluation form 3. Performance in competition
					Total: \$14,000		

Item 7: Subsidy for external gifted programs

Task Area	Major Area(s) of Concern	Implementation Plan	Benefits Anticipated	Implementation Schedule	Resources Required	Performance Indicators	Assessment Mechanism
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"> 1. In September, inform S4-S6 students about the details of application. 2. Collect applications on a monthly basis. 3. Refund payments after students' completion of the courses. 4. Collect students' feedback from the courses. 	<ol style="list-style-type: none"> 1. Students are more committed in the gifted education programs. 2. Students have reflected on what they have learnt from the courses. 	Sept. 2014 – Aug. 2015	\$15,000	<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. 	<ol style="list-style-type: none"> 1. Copies of Certificate 2. Evaluation form
					Total: \$10,000		

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Summary:	Item 1: Astronomy Program (NSS Astronomy & Astrophotography)	\$15,000
	Item 2: Issue-based learning and critical thinking	\$10,000
	Item 3: Strategic planning & Interviewing skills in focused professions (For S6 students)	\$9,000
	Item 4: Preparative course for Scientific Competitions	\$20,000
	Item 5: Focused Skills in Scientific Research	\$14,000
	Item 6: Junior Achievement Company program	\$5,000
	Item 7: Subsidy for external gifted programs	\$10,000
	Miscellaneous	\$15,000
		Total: \$98,000