

Sha Tin Government Secondary School
Use of Diversity Learning Grant 2024-2025

1. Our Mission

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.

2. Rationale

We believe that many students possess one or more of the eight intelligences embedded in human mind, namely linguistic, logical/mathematical, visual/spatial, musical, bodily kinesthetic, intrapersonal, interpersonal, naturalist intelligences according to the Theory of Multiple Intelligences. We should fully explore and develop the potentials of gifted students systematically and strategically by providing them with opportunities to receive education at appropriate levels in a flexible teaching and learning environment.

3. Long-term Plan

1. To stretch and nurture gifted students with appropriate learning opportunities and challenges
2. To broaden the horizon of gifted students in the eight areas of multiple intelligence

4. Main Emphases in 2024-2025

1. To provide opportunities for explore the Artificial Intelligence Education and the application of A.I.
2. To stretch the language potentials of students through pull-out programmes, competitions, and proficiency test

5. Major Concern(s) for this year:

1. Fully utilize the Diversity Learning Grant to provide opportunities for gifted students to extend their potential

| Target | Implementation Strategy | Success Criterion | Method of Evaluation | Time Scale | Responsible person | Resource Required |
|---|--|--|--|--------------------------|---|-------------------|
| <p>To educate students about the knowledge in coding and / or artificial intelligence</p> <p>To foster application of STEM for problem solving and development of communication skills and leadership</p> | <p><u>Item 1: STEM - related course and competitions</u></p> <ol style="list-style-type: none"> 1. A company / tutor specialized in training of coding is hired to provide training to students. 2. Equipment for the training procured. (MJ1-3) | <ol style="list-style-type: none"> 1. Students' attendance is at least 70%. 2. 70% of the participants find the courses useful. | <ol style="list-style-type: none"> 1. Students' attendance 2. Evaluation from participants. | 09/2024 to 07/2025 | Gifted Education Committee (*CMH *TSN KN) | \$10,000 |
| <p>To train up students' strategic planning skills & self-management skills in economic and business management</p> | <p><u>Item 2: Junior Achievement (JA) Company Programme</u></p> <ol style="list-style-type: none"> 1. Economic department will provide training and guidance for students to start a business and running the business. (MJ2-1) | <ol style="list-style-type: none"> 1. 70% of the participants find the course useful. | <ol style="list-style-type: none"> 1. Students' feedback | 09/2024 to 12/2024 | Gifted Education Committee (*KCH) Economic Department | \$0 |
| <p>To prepare students for science competitions (e.g. Biology Literacy Award, Biology Olympiad, Chemistry Olympiad, Physics Olympiad)</p> <p>To train up students' problem-solving skills, critical thinking skills and research skills</p> | <p><u>Item 3: Preparative courses for scientific competitions</u></p> <ol style="list-style-type: none"> 1. Science teachers or science teaching assistants will be responsible to provide training to students. 2. Visits to exhibition, seminars and workshops are organized. | <ol style="list-style-type: none"> 1. Students' attendance is at least 70%. 2. Scientific knowledge and problem-solving skills of students have been enhanced. | <ol style="list-style-type: none"> 1. Students' attendance 2. Students' performance in Scientific competitions | 09/2024 to 07/2025 | Gifted Education Committee (*CMH KTF SMY) | \$0 |

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|---|---|---|--|---------------------------|---|-------------------|
| <p>To prepare students for Inter-school GreenMech Competition</p> <p>To foster application of STEAM for problem solving, development of creativity, leadership, and high order thinking</p> | <p><u>Item 4: Training programme and materials for GreenMech Competition</u></p> <ol style="list-style-type: none"> 1. Provide training to students to prepare for the GreenMech competition. 2. Equipment for the training will be procured. | <ol style="list-style-type: none"> 1. Students' attendance is at least 70%. 2. 70% of the participants find the courses useful. | <ol style="list-style-type: none"> 1. Students' attendance 2. Evaluation form | <p>09/2024 to 07/2025</p> | <p>Gifted Education Committee (*CMH, *TSN, WKW)</p> | <p>\$0</p> |
| <p>To train up students' creativity and communication through English debate and writing</p> | <p><u>Item 5: Programmes for Upgrade English Presentation & Note making</u></p> <ol style="list-style-type: none"> 1. Tutors will be hired to provide training to students to train up the skills of debate and creative writing skills in English. (MJ1-1) | <ol style="list-style-type: none"> 1. Students' attendance is at least 70%. 2. Students' ability to present their ideas logically and argue critically in both written and spoken English. 3. Students gain greater confidence in public speaking. | <ol style="list-style-type: none"> 1. Students' attendance 2. Students' performance in relevant competitions | <p>10/2024 to 07/2025</p> | <p>Gifted Education Committee (*SKY)</p> | <p>\$25,000</p> |

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|--|--|--|---|---------------------------|---|-------------------|
| <p>To equip students for the Putonghua Examination (PSK)</p> <p>To enhance students' Putonghua competency</p> | <p><u>Item 6: Preparative course for Putonghua Examination/ Proficiency Test</u></p> <p>1. A tutor will be hired to provide training to students. (MJ2-2)</p> | <p>1. Students' attendance is at least 70%.</p> <p>2. 70% of the participants find the courses useful.</p> | <p>1. Students' attendance</p> <p>2. Evaluation form</p> | <p>10/2024 to 05/2025</p> | <p>Gifted Education Committee (*CMH)</p> | <p>\$25,000</p> |
| <p>To prepare students for Budding Scientist Award</p> <p>To train up students' problem-solving skills and critical thinking</p> | <p><u>Item 7: Preparative course and materials for Budding Scientist Award</u></p> <p>1. The science teachers, TA (Sci) will be responsible for providing training to students. (MJ1-2)</p> | <p>1. Students' attendance is at least 70%.</p> <p>2. Scientific knowledge and problem-solving skills of students have been enhanced.</p> | <p>1. Students' attendance</p> <p>2. Students' performance in the competition</p> | <p>09/2024 to 07/2025</p> | <p>Gifted Education Committee (*SKY, KN)</p> | <p>\$0</p> |
| <p>To prepare students for debate competitions</p> <p>To enhance communication, problem solving, critical thinking and leadership skills</p> | <p><u>Item 8: Training course for Chinese Debate Team</u></p> <p>1. A tutor will be hired to conduct a comprehensive debate training for students selected for debate competitions.</p> | <p>1. Students' attendance is at least 70%.</p> <p>2. Performance in the debate competitions. Communication, problem-solving and critical thinking and leadership skills of students have been enhanced.</p> | <p>1. Students' attendance</p> <p>3. Students' performance in competitions</p> | <p>09/2024 to 07/2025</p> | <p>Gifted Education Committee (*CMH)</p> <p>Joint with ECA committee and Debate Club (CSP, LOL)</p> | <p>\$10,000</p> |

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|---|--|---|--|---------------------------|---|-------------------|
| <p>To unleash the potential of gifted students in mathematics</p> <p>To enhance students' problem-solving skills, numeric manipulation skills and critical thinking</p> | <p><u>Item 9: Gifted Education Course on Mathematics</u></p> <p>1. A service provider will be invited to provide a mathematic course for selected students gifted in mathematics.</p> | <p>1. Students' attendance is at least 70%.</p> <p>2. Performance in the mathematics competitions. Problem-solving, numeric manipulation skills and critical thinking and leadership skills of students have been enhanced.</p> | <p>3. Students' attendance</p> <p>4. Students' performance in competitions</p> | <p>09/2024 to 07/2025</p> | <p>Gifted Education Committee (*PCH, NCS)</p> <p>Mathematics Department</p> | <p>\$14,000</p> |
| <p>To foster development of creativity and inspire students about their career planning in Science and Engineering</p> | <p><u>Item 10: Gifted Education for S4-S6</u></p> <p>1. To subsidize students enrolled in gifted education programs offered by local tertiary institutes or external organizations.</p> | <p>1. Students' attendance is at least 70%.</p> <p>2. Performance in the summative assessments.</p> | <p>1. Students' attendance</p> <p>2. Students' performance in assessments</p> | <p>09/2024 to 07/2025</p> | <p>Gifted Education Committee (*CMH, NF)</p> | <p>\$7,000</p> |

DLG Total: \$91,000