

## Report on Diversity Learning Grant - Other Programmes: Gifted Education

Domain	Programme	Objective(s)	Targets	Duration/Start	Deliverables	Implementation & Evaluation
Language	Li Po Chun United World Nations Conference	To develop students' research and analytical skills, public speaking skills, interpersonal skills, leadership skills & cultural awareness	4 gifted students from S4-5, nominated by the English Department with specific criteria	Term 2	To put forward compelling arguments and demonstrated exceptional impromptu speaking skills in the Human Rights Council and The General Assembly	Students found the activity challenging enough to stretch their potential. As other participants of the activity largely came from international schools who speak native or near-native English, students found it quite intimidating to speak in front of them on the first day. Yet, the two-day conference later proved as an impetus for these elite students to really go beyond their comfort zones and try to do something they at first thought would be inconceivable. They found the opportunity rewarding and intellectually stimulating. This Conference was a valuable opportunity to engage our students in closer simulation of an authentic English-speaking community our school may not be able to provide on a daily basis, and helped some of our strongest students at school set an even higher goal for themselves, making it an activity we would certainly recommend nominating students for in the future.
	World Scholar's Cup (Hong Kong)	To enrich students' repertoire in English	27 gifted students from S4-5	Term 2	Team Debate, Collaborative Writing, Scholar's	Participants this year were very eager to improve themselves prior to the programme, as they required extra debate practices even despite their intensive revision schedules. Students' feedback on the

	Regional Round 2024)	Writing and higher- order thinking skills			Challenge (Individual Quiz), and Scholar’s Bowl (Team Quiz)	programme itself was also overwhelmingly positive. In particular, they cited the precious opportunity of competing with and learning from top scholars from Hong Kong in debates and later on befriending them. These in turn inspired these top students from our school to work even harder for the Global Round of the same tournament a couple of months later in the same year. Considering the unique features this tournament offers, it is recommended that the school continue subsidizing students for this programme.
Mathematics	Enrichment Programme for Young Mathematics Talents by CUHK	To offer learning experiences tailored to the learning needs of high ability learners in mathematics	3-5 selected students from S4 – S6	Term 1	Participants acquire advanced knowledge and skills on Geometry	<p>The "Towards Differential Geometry" course in the EPYMT programme is focused on studying the characteristics of curves and surfaces using mathematical tools.</p> <p>Throughout the course, participants not only gained knowledge in calculus and linear algebra, which are essential for various topics in mathematics, but also developed resilience and perseverance from solving challenging problems.</p> <p>Students believe that the problem-solving skills and mindset acquired in this course can be applied to overcome obstacles in real-life situations.</p>

Science	CUHK Program for the Gifted and Talented	To offer external learning experiences tailored to the learning needs of high ability learners in Science	2-5 selected students from S4 – S6	Term 1	Participants acquire advanced knowledge and skills on Biochemistry and Disease/ Biomedical Sciences	<p>The "Biochemistry and Disease" program covered a wide range of topics in biochemistry, including its applications in medicine. Students explored the fundamental principles of biochemistry and physiology, as well as specific areas such as liver and gastrointestinal diseases, blood components and disorders, and cardiovascular issues.</p> <p>In addition to imparting professional knowledge, the instructor also provided valuable insights on the university admission process and shared experiences in research.</p> <p>The program has greatly enriched the participants' knowledge in the fields of science, medicine, and general life planning. It is believed that the skills and knowledge acquired will be invaluable in the students' future endeavors.</p> <p>In the Chinese Medicine (CM) lectures, student gained a general understanding of the medical philosophy of CM, as well as concepts related to health preservation and disease healing. The lectures covered several topics within CM, including acupuncture, massage therapy, and herbal medicine. Additionally, we had the opportunity to practice various basic techniques, such as pulse</p>
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						<p>diagnostics and acupuncture.</p> <p>In the public health courses, student explored a range of topics, including Environmental Health, Mental Health, and Digital Health. After these lessons, participants became more familiar with the latest technologies used in public health treatment. Furthermore, the courses provided a comprehensive understanding of "Health," which encompasses not only physical well-being but also mental and digital aspects.</p> <p>The Organic Chemistry course delves into complex concepts, such as the use of European Yew as an intermediate in the synthesis of Taxol, a cancer drug originally derived from the Pacific Yew. This approach highlights the commitment of organic chemists to utilize sustainable biomass, reducing reliance on rarer species. Their dedication to exploring diverse species and synthesis pathways underscores a responsible advancement of science, empowering participants to reach their full potential in the field.</p>
Humanities	Japanese History and Culture Study Tour	To offer learning experiences tailored to	Ranked top 10% of S4 & S5 history	Tour: July 2024 Post tour	Hall presentation, design and completion of	The design of the booklet was completed before the tour. The booklet was used during discussions and sharing throughout the tour. Upon the compilation of the assignment in September, the final product will be

		the learning needs of high ability learners in History and explore Japanese history and experience local culture	students	learning: July to December 2024	study tour booklet, articles for school newspaper	printed and distributed to participating students. The hall presentation will be conducted at the beginning of the new school year. Articles for school newspaper will be written and published by the end of the first term of the new school year. Students were highly engaged throughout the tour, showing enthusiasm for each historical site and cultural activity. In addition, participants reported a deeper understanding of key historical events and cultural practices in Japan, as well as improved intercultural communication and a greater appreciation for diversity.
Others selected gifted programmes for stretching students' potentials	CUHK Program for the Gifted and Talented	To offer external learning experiences tailored to the learning needs of high ability learners in other areas such as Arts and Music	1-2 selected students from S4 – S6	Term 1	Participants acquire advanced knowledge and skills on cross-disciplinary areas	<p>The programme combined Academic, Media, Art, Trade Experience and Education (AcadeMediArTradExperiencEducation). It allowed students to gain a deeper understanding of the history of pop music worldwide. Participants learned about key artists (such as David Bowie, Billie Eilish, Ryuichi Sakamoto), bands (like The Beatles), and the various genres that have shaped the evolution of pop music.</p> <p>Through this programme, the participants have acquired valuable knowledge and skills. They have gained insights into how the diversity of pop music is often shaped by the historical and cultural context of a certain time period. For instance, The Beatles composed a song like "Imagine" to spread messages of peace and love in the</p>

					<p>aftermath of World War II. Similarly, Ryuichi Sakamoto's music video was created in response to the devastating 2011 tsunami in Japan (311 Tōhoku earthquake and tsunami).</p> <p>Moreover, the programme has highlighted the vibrant power of music in connecting people across the world, transcending language barriers and national boundaries. This understanding can be tremendously beneficial for gifted students, as it encourages them to appreciate the universal language of music and its ability to foster cross-cultural dialogue and understanding.</p>
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