

## Report on Diversity Learning Grant - Other Programmes: Gifted Education (2024-25)

Domain	Programme	Objective(s)	Targets	Duration/Start	Deliverables	Implementation & Evaluation
Language	The Hong Kong Federation of Youth Groups English Public Speaking Contest 2025	To nurture competent students' confidence in speaking English and articulating their thoughts using the language	8 gifted students from S4-5	Term 2	To participate in the contest where each student had to present their speech.  Shortlisted students could proceed to the next round.	Students were trained in preparation for their competition, which was considered as an effective way to propel students with English potential into more intensive training of skills that classroom teaching often could not nurture. This kind of opportunities are therefore very much valued and we should continue supporting gifted students in opportunities of this sort.
	World Scholar's Cup (Hong Kong Regional Round 2025)	To enrich students' repertoire in English Writing and higher-order thinking skills	38 gifted students from S4-5	Term 2	Team Debate, Collaborative Writing, Scholar's Challenge (Individual Quiz), and Scholar's Bowl (Team Quiz)	More students were interested in this programme this year, following the success of previous cohorts and sharing of how it helped students grow. Subsequent to an interview by English teachers, participants were shortlisted and engaged in training programmes offered by English teachers. Students' attitude was good, and they were willing to spend time after school undergoing debate training which they would not have otherwise experienced. On competition days, participants had the opportunity to learn from and interact with students from local elite and international schools, broadening their cultural and linguistic horizons. The competition result that all of our students managed to qualify for the next round of the tournament testified to the success of the programme in nurturing our gifted students.
	The "21st Century Cup" English Speaking	To nurture competent students' confidence in speaking English and articulating their	1 student in the senior form participated	Term 2	To participate in the contest where each student had to present their speech.	The participant was trained by an English teacher in order to reap the best benefits of the students' engagement in the competition. This training served to deepen the linguistic and cultural horizons of the student who received the distinction of the Third Prize Certificate in

	Competition	thoughts using the language	in the competition		Shortlisted students could proceed to the next round.	the end. The whole process proved to be effective in developing our stronger students with more teacher attention, and it is recommended that we continue this practice next year.
Science	Bio Olympiad Pull-out class for the gifted	To deliver a tailored external training program that challenges high-ability science students, developing their advanced knowledge and problem-solving abilities for competitive success.	5 selected students from S5 - S6	Term 1	Participants acquire advanced knowledge and skills in Biology by engaging in deep discussions of past Olympiad questions, specifically targeting the development of high-order thinking and analysis.	While the tutor was effective in answering questions and guiding the students, the program's brevity, consisting of only three lessons, was insufficient for thorough preparation. A key challenge was that the S.5 students' existing knowledge from their standard curriculum did not adequately cover the foundational concepts required, creating a significant learning gap. Consequently, further modification and enhanced support will be necessary in future iterations to ensure participants can fully benefit from the training.
	HKUST Dual programme 2024 (Level 1 Physics)	To offer learning experiences tailored to the learning needs of high ability learners in Physic	Selected student(s) from S5	Term 1		The programme provided students with a significant expansion of their understanding of physics, introducing them to advanced and fascinating concepts that lie beyond the scope of the standard DSE syllabus. A prime example was the in-depth exploration of Special Relativity, which offered a captivating look into modern theoretical physics. Furthermore, under the patient and expert guidance of the professor, students learned to move beyond mere formula application. They were taught a different methodology for deconstructing complex problems, emphasizing critical thinking and conceptual understanding over rote memorization. This shift in perspective, towards thinking like a physicist, was an invaluable takeaway that will undoubtedly benefit their future academic pursuits in science.

Humanities	Vietnam Service Tour	To offer learning experiences tailored to the learning needs of high ability learners in History, Social Services and Leadership	Ranked top 30% of S4 & S5 history students and students with strong leadership	April 23-27, 2025	Hall presentation, design and completion of study tour booklet, articles for school newspaper	Through a profound journey in Ho Chi Minh City, students explored pivotal historical sites such as the Reunification Palace and the Cu Chi Tunnels, gaining deep insights into Vietnam's past. This contextual learning was powerfully complemented by direct volunteer service at local childcare centres, where they engaged in meaningful outreach. The trip culminated in visiting iconic landmarks, fostering a rich understanding of the country's resilience, culture, and the spirit of service.
	Sai Kung Sheung Yiu Folk Museum - Examining Ancient Chinese Science from an Archaeological Perspective	To offer learning experiences tailored to the learning needs of high ability learners in Chinese History & Chemistry	15 selected gifted S4-S5 students	May 3, 2025	Hall presentation during Morning Assembly	Through a field trip to the Sai Kung Sheung Yiu Folk Museum, students learned about the traditional methods of lime production in ancient China and its historical uses. Following the visit, they participated in an experimental archaeology activity in the school laboratory, using high temperatures to calcine oyster shells—mimicking ancient lime-production techniques. Finally, they applied the lime to create traditional lion statue models. This activity enhanced students' understanding of Chinese history and ancient technology, while also deepening their knowledge of chemical principles, achieving cross-disciplinary learning.
Others selected gifted programmes for stretching students' potentials	HKU's Talented Programme: "The Path to Legal Mastery"	To offer learning experiences tailored to the learning needs of high ability learners in English & critical thinking	2 selected gifted S5 students	3-day in July, 2025	Course work and certificate	<p>This program significantly deepened students' interest in law by exploring its historical roots, such as the origins of common and civil law. This approach helped students understand how legal systems evolved differently based on history and custom, moving beyond pure doctrine to include topics like patent law and the relationship between society and judicial decisions.</p> <p>Students appreciated the exploration of law's narrative dimensions, finding the intersection with literature to be a valuable perspective</p>

						for shaping future academic choices. A key benefit was direct interaction with university students and faculty, which provided crucial advice on academic programs and a genuine sense of the university's intellectual environment.
Advanced robotics course	To offer learning experiences tailored to the learning needs of high ability learners in robotics and coding.	8 selected students from S4 –S5	Term 2	Participants acquire advanced knowledge and skills on assembling and coding a four-leg robot.		Through this course, students acquired hands-on experience in assembling both a four-leg robot and a multi-directional car. They then advanced to training the robot using machine learning and writing code to control its functions. The successful outcome was a robot capable of reacting to different voice commands and images. According to a post-course survey, this challenging material was acknowledged by nearly half of the students, who found the course to be demanding.
Advanced programming course for VR applications using Unity	To offer learning experiences tailored to the learning needs of high ability learners in coding.	8 selected students from S4 –S5	Term 2	Participants acquire advanced programming knowledge on coding a VR application.		Students learned advanced programming skills by writing code using Unity, specifically focusing on how to develop for a virtual reality environment. The successful outcome of this challenging course was that students developed applications that were used in VR headsets. A post-course survey confirmed the rigor of the material, with nearly half of the students reporting that they found it to be a challenging experience.