

Cheung Chuk Shan College
Programme Evaluation Report for
DLG Other Programmes: Gifted Education for the school year 2022-2023

| Programme | Objective(s) | Targets (No./level/selection) | Duration/Start Date | Deliverables | Evaluation | Expenditure |
|---|--|--|--|---|--|-------------|
| Gifted Education Programmes by various universities and NGOs 1 – The Hong Kong University of Science and Technology Dual Program 2022 Physics Level 2 | To provide students with a general view on force, motion and thermodynamics with the help of calculus. | <ul style="list-style-type: none"> ➤ 1 S4 student ➤ Self-nomination to the programme organizer and the screening process by the programme organizer ➤ Must obtain grade B or above in Level 1 Physics | <ul style="list-style-type: none"> ➤ 16 sessions from 12 November, 2022 to 26 March, 2023 ➤ One session every Saturday (3 hours per session) | <ul style="list-style-type: none"> ➤ One assignment for each lesson ➤ Mid-term and final assessment | <ul style="list-style-type: none"> ➤ The professor spent some time on the derivation of different formulas, and rigorously considered different cases which may lead to errors. His demonstration increased the student's understanding on application of calculus and vector in real life scenarios. ➤ The professor asked many thought-provoking questions to clarify abstract concepts. He is also willing to answer every single question raised by students. ➤ The difficulty of the assignments is just right. First half of each assignment could be completed by applying | \$64,780 |

| | | | | | | |
|-----------------------------|---|---|--|--|--|--|
| | | | | | <p>respective formulas as shown in the lecture notes. However, the difficulty ramped up for the second half part of the assignments, requiring students to derive formulas. A clear concept on both the related topic in Physics and mathematical techniques (eg: integration) is required. The student usually took around three hours to complete each assignment and the assignments helped to understand the topics included in the course.</p> <ul style="list-style-type: none"> ➤ The pace and duration of lessons were about right. ➤ The assessments were in the form of MCQs, and they were not as difficult as those long questions in the assignments. | |
| Gifted Education Programmes | To acquire students with basic legal knowledge. | <ul style="list-style-type: none"> ➤ 2 S4 students ➤ Self-nomination to the | <ul style="list-style-type: none"> ➤ 31 July, 2023 to 4 | <ul style="list-style-type: none"> ➤ Court room sessions ➤ Lecture notes | <ul style="list-style-type: none"> ➤ The attendance was 100%. ➤ Students enriched their knowledge in tort, | |

| | | | | | | |
|---|---|--|---|--|---|--|
| by various universities and NGOs 2 – HKU Legal Academy for the Talented 2023 | To allow students to have a taste of life in law school. | <p>programme organizer and the screening process by the programme organizer</p> <ul style="list-style-type: none"> ➤ Membership of the HKU Academy for the Talented required | <p>August, 2023</p> <ul style="list-style-type: none"> ➤ 3 hours per day | | <p>company and criminal law.</p> <ul style="list-style-type: none"> ➤ Students learnt the skills of mooted and preparing cases. ➤ Students enriched their knowledge about Hong Kong's legal systems and Hong Kong courts. | |
| Gifted Education Programmes by various universities and NGOs 3 – HKU Medical and Healthcare Academy for the Talented 2023 | <p>To allow students to learn medical skills, visit laboratories and experience hall life in HKU.</p> <p>To allow students to gain an insight into their career prospects and allow them to interact with faculty members and leading experts in the medical field.</p> | <ul style="list-style-type: none"> ➤ 2 S4 students and 1 S5 student ➤ Self-nomination to the programme organizer and the screening process by the programme organizer ➤ Membership of the HKU Academy for the Talented required | <ul style="list-style-type: none"> ➤ 17 July, 2023 to 21 July, 2023 ➤ 9 hours per day | <ul style="list-style-type: none"> ➤ A problem-based learning simulation ➤ Lecture notes ➤ First-aid training session | <ul style="list-style-type: none"> ➤ There was very good feedback from students. They enjoyed the activities in the programme and learnt a lot from the professors' medical lectures (eg. Doctor Lai Ching Lung) which would help them prepare to be future medical students. Students also gained experience through visiting the laboratories, hospitals and joining the clinical skills workshop. The programme went smoothly | |

| | | | | | | |
|---|---|--|---|---|---|--|
| | | | | | <p>and was on schedule.</p> <p>➤ Student ambassadors were nice and informative and provided clear information about medicine and admission to HKU MBBS. The materials and topics covered in the programme were intriguing. After joining the programme, students could better evoke their passion and curiosity towards medicine and gained a clearer view of the actual study years in HKU MBBS.</p> | |
| <p>Gifted Education Programmes by various universities and NGOs 4 – Summer Program for the Gifted and Talented 2023 - Public Speaking</p> | <p>To raise students' awareness of different aspects of public speaking.</p> <p>To help students acquire effective techniques and strategies for giving different kinds of speeches in a professional manner.</p> | <p>➤ 1 S4 student</p> <p>➤ Self-nomination to the programme organizer and the screening process by the programme organizer</p> | <p>➤ Aug 5, 12 & 19, 2023 (Sat)</p> <p>➤ A total of 15 hours of workshop time</p> | <p>➤ Lecture notes</p> <p>➤ Speaking practice and powerpoint</p> <p>➤ Improvised speaking practices</p> | <p>➤ The classes were with a nice ambience and were similar to a combination of GE2 and Creative English lessons in our School.</p> <p>➤ The lecturer was friendly and knowledgeable.</p> <p>➤ The student learnt a lot of practical public speaking skills through the many practices.</p> | |

| | | | | | | |
|--|--|---|---|--|--|--|
| Made Easy | | | | | | |
| Gifted Education Programmes by various universities and NGOs 5 – Global Health and Development Summer Programme 2023 | To let students learn about public health and decision making through a series of interactive activities and simulating field-based scenarios. | <ul style="list-style-type: none"> ➤ 1 S4 student ➤ Self-nomination to the programme organizer and the screening process by the programme organizer | <ul style="list-style-type: none"> ➤ 17 – 18 August, 2023 ➤ 3 hours per day | <ul style="list-style-type: none"> ➤ Simulated an outbreak of a virus through a one-day group discussion and presentation | <ul style="list-style-type: none"> ➤ The programme provided students with a good understanding of the public health industry. ➤ The program required a high English standard. ➤ The whole program was not very related to medicine but more related to public health and decision making. | |
| Gifted Education Programmes by various universities and NGOs 6 – HKUST Summer Institute (Tall Buildings and Long-span Bridges: Structure and | <p>To offer students an insight into the evolution of tall buildings and long-span bridges, providing them with insights into the structural behaviour and design principles of such buildings.</p> <p>To provide students with an introduction to seismic</p> | <ul style="list-style-type: none"> ➤ 1 S4 student ➤ Self-nomination to the programme organizer and the screening process by the programme organizer | <ul style="list-style-type: none"> ➤ 7 – 12 August, 2023 ➤ 2 hours and 10 minutes per day | <ul style="list-style-type: none"> ➤ 3 assignments | <ul style="list-style-type: none"> ➤ The student learnt a lot by listening to experiences and stories shared by the professor. ➤ The student learnt about buildings and bridges, and found structural engineering and architecture very interesting. | |

| | | | | | | |
|---|--|---|--|---|---|--|
| Aesthetics) | knowledge and earthquake-resistant structures. | | | | | |
| Gifted Education Programmes by various universities and NGOs 7 – HKU Business Academy for the Talented - Collaborative Innovation Bootcamp 2023 | <p>To allow students to learn from the leaders of the HKU Business School.</p> <p>To allow students to apply business knowledge to create new ideas or resolve unmet needs for HKU Startups' real-life projects.</p> | <ul style="list-style-type: none"> ➤ 1 S4 student and 1 S5 student ➤ Self-nomination to the programme organizer and the screening process by the programme organizer ➤ Membership of the HKU Academy for the Talented required | <ul style="list-style-type: none"> ➤ 17 – 21 July, 2023 ➤ 9 hours per day | <ul style="list-style-type: none"> ➤ A business presentation ➤ Lecture notes | <ul style="list-style-type: none"> ➤ Students learnt a lot and enriched their knowledge related to business. ➤ Students practiced their speaking skills by conversing with foreigners and other students, and by presenting their ideas in the final presentation. ➤ There was however a huge gap between the course content taught and the business presentation required to be completed. Little guidance was given on how to prepare materials required for the presentation. | |
| Gifted Education Programmes by various universities and NGOs 8 – CUHK | To help students gain interest and knowledge related to the history of English words. | <ul style="list-style-type: none"> ➤ 1 S4 student ➤ Self-nomination to the programme organizer and the screening process by the | <ul style="list-style-type: none"> ➤ 28 January and 2, 11, 18 and 25 Feb, 2023 ➤ 3 hours per session | <ul style="list-style-type: none"> ➤ Presentation on several English words and their history | <ul style="list-style-type: none"> ➤ The student learnt a lot about the history behind many common English sayings. ➤ The student learnt to use etymology as a form of memorization by chopping | |

| | | | | | | |
|---|---|--|--|----------------------------|---|--|
| Winter Program for the Gifted and Talented 2022 - The Classical Stories and Development of English Etymology | | programme organizer | | | <p>up words. The student also learnt more about myths in English culture.</p> <p>➤ The course seemed to suit a younger audience and the atmosphere of the course did not feel very professional. However, the student appreciated the mindset and objective of the course as it allowed a deeper understanding of vocabularies.</p> | |
| Gifted Education Programmes by various universities and NGOs 9 – Summer Program for the Gifted and Talented 2023 - Economics Zone | <p>To help students understand concepts in Economics and ways of approaching different problems as an economist.</p> <p>To let students get a taste of studying economics in a university and learn more about the different career pathways.</p> | <p>➤ 1 S4 student</p> <p>➤ Self-nomination to the programme organizer and the screening process by the programme organizer</p> | <p>➤ 17 – 19 July, 2023</p> <p>➤ 6 hours per day</p> | ➤ Lecture notes | <p>➤ The lecturer brought some negative emotions into the classroom.</p> <p>➤ Theories related to market equilibrium and market analysis were introduced, which the student found satisfactory.</p> <p>➤ Some inspiring questions were asked by the lecturer which helped develop the student's critical thinking skills.</p> | |
| Gifted Education | To offer students an authentic experience | ➤ 2 S5 students | ➤ 24 – 28 July, 2023 | ➤ Guided group work by HKU | ➤ The attendance rate of students was high (100%). | |

| | | | | | | |
|--|---|--|--|--|--|--|
| Programmes by various universities and NGOs 10 – HKU STEM Bootcamp on Data Science 2023 | to explore the latest trends in science and technology. | <ul style="list-style-type: none"> ➤ Self-nomination to the programme organizer and the screening process by the programme organizer ➤ Membership of the HKU Academy for the Talented required | <ul style="list-style-type: none"> ➤ 9 hours per day | <ul style="list-style-type: none"> project mentors and entrepreneur advisors ➤ Presentation of final product | <ul style="list-style-type: none"> ➤ The students explored and learnt more about the linkage between science and technology. ➤ Activities such as using coding to analyse Covid virus strains or using AI to help patients helped enhance class interaction. ➤ Students also learnt more about business ethics and the ethics behind the use of AI. ➤ Students enjoyed opportunities to work and communicate with unfamiliar people. | |
| Gifted Education Programmes by various universities and NGOs 11 – HKU Academy Nansha Business and Technology | To allow students an opportunity to delve into the business and technological advancements of Nansha. | <ul style="list-style-type: none"> ➤ 1 S5 student ➤ Self-nomination to the programme organizer and the screening process by the programme organizer ➤ Membership of the HKU | <ul style="list-style-type: none"> ➤ 19 – 21 August, 2023 | <ul style="list-style-type: none"> ➤ Group presentation | <ul style="list-style-type: none"> ➤ The trip was insightful, and the student learnt a lot about the technological field of Nansha. ➤ However, the time spent travelling on a bus was very long. | |

| | | | | | | |
|--|---|---|--|---|---|----------|
| Innovation Field Trip 2023 - Session 2 (Member) | | Academy for the Talented required | | | | |
| Gifted Education Programmes by various universities and NGOs 12 – Discovering the Universe | To let students learn about the development of modern astronomy, some basic observational features of astronomy and the application of physical principles to the context of astronomy. | <ul style="list-style-type: none"> ➤ 1 S5 student ➤ Self-nomination to the programme organizer and the screening process by the programme organizer | <ul style="list-style-type: none"> ➤ 28 – 30 August, 2023 ➤ A total of 21 hours of learning activities | <ul style="list-style-type: none"> ➤ Lab report ➤ MC and short questions quiz | <ul style="list-style-type: none"> ➤ The student attained a deeper understanding of astronomical events. ➤ The student also enjoyed the proving of physical principles through experiments. | |
| 歷史資料分析研習班 | 精進學生分析歷史資料的能力 | <ul style="list-style-type: none"> ➤ 中五及中六學生共二十名 ➤ 按中國歷史科所訂準則挑選：中五為上學期考試表現、中六為去年度下學期考試表現 | <ul style="list-style-type: none"> ➤ 中六：九月至十二月，十教節 ➤ 中五：二月至五月，十教節 ➤ 每教節 1.5 小時 | <ul style="list-style-type: none"> ➤ 學生習作 ➤ 學生評批他人習作 | <ul style="list-style-type: none"> ➤ 參加者藉評改他人之課業，成功提升對歷史論述的評鑑能力。(中六) ➤ 參加者通過完成課業，大幅加強歷史資料分析能力。(中五、中六) ➤ 曾擔任小老師的同學於本科文憑試中取得第 5 級或以上之比率較整體同學的為高。 | \$13,200 |

| | | | | | | |
|---|---|--|---|---|---|----------|
| Critical Thinking Skill Enhancement Workshop | To polish students' critical thinking skills in analyzing and responding to business scenarios in various professional contexts | <ul style="list-style-type: none"> ➤ S5 & S6 students taking BAFS ➤ Students from S5 & S6 having the potential to attain Level 5 | <ul style="list-style-type: none"> ➤ Duration: 30 hours for the whole year ➤ Venue: S6C Classroom | <ul style="list-style-type: none"> ➤ Tailor-made worksheets, exercises and quizzes according to students' progress | <ul style="list-style-type: none"> ➤ The participants of the critical thinking group were those who had an active learning attitude but face difficulties in analyzing and responding to business problems of different contexts. After a year of training, more than 60% of the participants showed great improvement in their techniques for tackling different styles of questions in tests and examinations. Additionally, more than 60% of them achieved Level 5 or above in the 2023 HKDSE BAFS examination. | \$28,800 |
| Liberal Studies High-order Thinking Skills Enhancement Workshop | To polish students' high-order thinking skills | <ul style="list-style-type: none"> ➤ S6 selected students ➤ Higher performers in S6 LS classes ➤ Three classes, 10 S6 students each ➤ Nominated by | <ul style="list-style-type: none"> ➤ Oct – Dec 2022 (10 sessions, 1 hour each) in classrooms | <ul style="list-style-type: none"> ➤ Notes, worksheets, exercises and practice papers specially designed for enhancement | <ul style="list-style-type: none"> ➤ The attendance of students was relatively high. ➤ The tutors provided timely advice and feedback to students. ➤ The students' skills of high-order thinking, logical reasoning, | \$6,000 |

| | | | | | | |
|---|---|--|---|---|---|----------|
| | | subject teachers concerned based on the HKDSE estimated levels for S6 students by the School | | | collaborative learning, effective communication and problem solving have been developed. ➤ The students' horizons have been broadened and they have developed wider perspectives in analyzing various issues. | |
| Citizenship and Social Development Logical Reasoning Workshop | To enhance students' comprehension and communication abilities, understanding to some of the principles of logics; to realize the usefulness of logic in their thinking & writing | <ul style="list-style-type: none"> ➤ S4 & S5 selected students ➤ Selected S4-S5 nominated by subject teachers based on their school assessment performances ➤ One S4 and one S5 classes (about 30 students per class) | ➤ Feb and May 2023 (3 hours each) in classrooms | ➤ Workbook, a series of logic games and practices | <ul style="list-style-type: none"> ➤ The tutors from the commissioned Edvenue® Limited were professional and the workshop design was good. ➤ The tutors interacted well with students with discussion and other learning activities. ➤ The large majority (over 90%) of students found that the trainers were professional, friendly and satisfied with their teaching. ➤ The attendance of students was high and the large majority of students found that the program was | \$10,000 |

| | | | | | | |
|---------|-------------|--|---|--|---|---------|
| | | | | | useful (86%) and inspired their thinking (96%). | |
| 文學創作精進班 | 提升學生文學創作的能力 | <ul style="list-style-type: none"> ➤ 中五學生共四名 ➤ 按有關同學中文科成績及面試表現篩選 | <ul style="list-style-type: none"> ➤ 2022 年 10 月至 12 月，共八教節（每節 1.5 小時） | <ul style="list-style-type: none"> ➤ 每節一份文學創作分析課業 | <ul style="list-style-type: none"> ➤ 參與學生於文學創作的解題、構思、內容組織及表達手法等均有所提升，增加對寫作的興趣。 | \$2,400 |