

Plan for Diversity Learning Grant (DLG) (Gifted Education) 2022-23

Domain	Program / course provider	Objective(s)	Targets(No./level/ selection)	Duration/ Start Date	Deliverables	Teacher-in-charge	Budget (DLG/ CEG/ Others) (For official use)
Science	Science Academy for Young Talent by CUHK	To enrich students' knowledge in different branches of science	Number: 4 S.1 – S.3 students Selection: High achievers in Science nominated by Science Department with specific criteria	July 2023 – Aug 2023	Students will be exposed to problems in different branches in Science.	Mr. Yiu HW	\$4,000 × 4 = \$16,000 (course fee)
						Total:	\$16,000
Chemistry (Senior forms)	2023 International Chemistry Quiz (ICQ) (H.K. Section)	To nurture students who are talented in chemistry.	Number: 10 S.4 – S.5 students Selection: • Nominated by subject teachers Priority: S.4 / S.5 students who were top 30 % in Chemistry in 1 st Term Assessment in S.4 / S.5 (2022 – 2023)	Jun 2023 – Jul 2023	Students will be exposed to different chemistry problems which require them to think logically.	Mr. Cheng KM	\$ 100 x 10 = \$ 1,000 (Application Fee)

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Science (Senior forms)	Secondary School Mathematics and Science Competition 2023 by HKPU	To foster the habits of broadened learning.	<u>Number:</u> 15 S.5 students <u>Selection:</u> <ul style="list-style-type: none"> Nominated by subject teachers Priority: S.5 students who ranked the top three in Physics, Chemistry, Biology and Mathematics in EOY Assessment in S.4 (2021 – 2022)	Apr 2023 – May 2023	Students will be exposed to different problems related to science.	Mr. Cheng KM	\$ 120 x 15 = \$ 1,800 (Application Fee)

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Science (Senior forms)	Science summer camp 2023 organized by tertiary institutions	To develop students' interest in learning science.	<u>Number:</u> 8 S.4 – S.5 students <u>Selection:</u> <ul style="list-style-type: none"> S.4 – S.5 students who are talented and interested in science Priority: S.4 – S.5 students who study at least two of the following subjects: biology, chemistry and physics	Jul 2023 – Aug 2023	⊕ Students will take part in various activities related to science. Students will know more about the science degree programmes offered by the tertiary institutions.	Mr. Cheng KM	\$ 800 x 8 = \$6,400 (Camp Fee)

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Science (Senior forms)	Science summer course 2023 organized by tertiary institutions	To nurture scientifically talented students.	<u>Number:</u> 5 S.4 – S.5 students <u>Selection:</u> <ul style="list-style-type: none"> Nominated by subject teachers S.4 & S.5 students: who are interested in learning science Priority: S.5 students: who rank the top 30 % in physics / chemistry / biology in S.5 1 st and Term Assessments (2022 – 2023)	Jul 2023 – Aug 2023	⊕ Students will learn advanced knowledge of certain aspect of science through systematical ly developed enrichment courses.	Mr. Cheng KM	\$ 3,500 x 5 = \$ 17,500 (Course Fee)

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Science (Senior forms)	Science day camps / competitions organized by tertiary institutions and external organizations (2022-2023)	<p>To enrich students' knowledge in certain areas of science.</p> <p>To prepare students who are interested in science for their future studies and careers.</p>	<p><u>Number:</u> Depends</p> <p><u>Selection:</u></p> <ul style="list-style-type: none"> Nominated by subject teachers <p>S.4 – S.5 students who are interested in certain areas of science</p>	Whole year	<p>⊕ Students will take part in learning activities related to certain aspects of science.</p> <p>⊕ Students will know more about the science degree programmes offered by the tertiary institutions.</p>	Mr. Cheng KM	\$ 5,000 (Camp Fee / Application Fee)
⊕						Total:	\$31,700

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Science (Biology)	Hong Kong Biology Olympiad for Secondary Schools (2022/2023) by HKASME	To foster the habits of broadened learning	<u>Number:</u> 10 students <u>Selection:</u> - S.5 – S.6 students - S.5 students who ranked the top ten in Biology in EOY Assessment (2021–2022)	Nov 2022	⊕ Students will be exposed to different problems related to science	Ms. Yeung YC	\$ 60 x 10 = \$ 600 (Application fee)
Science (Biology)	Day camp (theme: Chinese medicine) by HKU / HKBU	- To enrich students' knowledge about Chinese medicine - To prepare students who are interested in Chinese medicine for future studies and careers	<u>Number:</u> 4 students <u>Selection:</u> - S.4 – S.5 students - S.4 – S.5 students who are interested in Chinese medicine - Priority is given to S.5 students studying chemistry and biology	Whole year	⊕ Students will take part in activities related to Chinese medicine.	Ms. Yeung YC	\$ 200 x 4 = \$ 800 (application fee)

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Science (Biology)	Science Academy for Young Talent by CUHK (Biology)	To nurture students who are talented in biology	<u>Number:</u> 3 students <u>Selection:</u> - S.5 Biology students - Academic result will be used for selection - Students who are interested in learning science	Jul – Aug 2023	⊕ Students will be exposed to different problems in Biology.	Ms. Yeung YC	\$ 4,000 x 3 = \$12,000
						TOTAL:	\$13,400
STEM	HKFYG STEM 工作坊 -天文中的三角學	To enrich students' knowledge in Science and Math To learn how to integrate and apply the STEM related knowledge to understand the real-world problem	-20 students -S.4 to S.6 students -Nominated by subject teachers	-2 hours -single lesson	⊕ -evaluation form	Mr. Lo WY	\$2,500 DLG

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STEM	HKFYG STEM 工作坊 -材料科學與 科技	Students will be exposed to a variety of modern synthetic materials and understand the scientific principles, characteristics and applications in daily life.	-20 students -S.4 to S.6 students -Nominated by subject teachers	-2 hours -single lesson	⊕ -evaluation form	Mr. Lo WY	\$2,000 DLG

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STEM	HKFYG STEM 工作坊 -力學與結構 工程學	-To learn basic mechanics concepts. Through a series of material testing and experiments, structural tower and bridge construction exercises, students will understand the physical characteristics of general materials and apply them to design and structural construction. To train students' problem-solving and creative abilities.	-20 students -S.4 to S.6 students -Nominated by subject teachers	-3 lessons -2 hours for each lesson	⊕ -evaluation form	Mr. Lo WY	\$5,500 DLG

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STEM	HKFYG STEM 工作坊 -Arduino 光 度指示儀	To learn computer programming and mechanical concepts. Through hands-on programming and design of mechanical structures, robots are constructed and controlled to automatically complete challenging tasks, which trigger their innovative ideas and improve their problem-solving capabilities.	-20 students -S.4 to S.6 students -Nominated by subject teachers	-2 hours -single lesson	⊕ Evaluation form	Mr. Lo WY	\$4,500 DLG
⊕						Total:	\$14,500
Math	Math Circle Course	To enrich students' mathematics skill for participating Olympiad Math Competitions.	-15 students -S.2 - S.4 students -High Achievers in Mathematics	30 lessons in 1 year	⊕ Lessons	Mr. Chan WK	\$12,000 DLG \$3,000 CEG (course fee)

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Math	Math Circle Course	To enrich students' mathematics skill for participating Olympiad Math Competitions.	-30 students -S.1 – S.3 students -High Achievers in Mathematics	30 lessons in 1 year	⊕ Lessons	Mr. Chan WK	\$40,000 CEG (course fee)
						Total:	\$55,000
中國歷史	中國歷史及文化校外 / 聯校比賽 / 工作坊	擴闊學生視野，認識中國文化	約 20 人內 (視乎個別比賽 / 工作坊內容)	視乎個別比賽 / 工作坊內容	⊕ 學生回饋 / 比賽成績	Ms. Kwok YT	\$5,000
						Total:	\$5,000
Arts Talk / Artist or Designer Sharing / Design / Drawing Workshop / Information Technology Training Courses	Non-profit making organizations / Employ instructors to teach students exploring different art-making techniques	To enrich students' design techniques / drawing skills To enrich students' design techniques / drawing skills by using professional software (e.g. Illustrator, in Design, Photoshop, Premiere)	- 10-30 students - S.4 –S.6 students - Nominated by Visual Arts Department	September 2022 to August 2023	Students' artworks and reflection ⊕	Miss Chan SY	\$51,000 for 10-30 students (course fee)

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Visit Design / Art Exhibition	i) Art Basel 2023 (Ticket fee \$428) ii) Art Central (Ticket fee \$228)	Enhance students' aesthetic experience	- 10-20 students - S.4 – S.6 students - Nominated by Visual Arts Department	October 2022 to August 2023	Students' artworks and reflection ⊕	Miss Chan SY	\$5,000 (ticket fee)
						Total:	\$56,000
Guidance Committee	Workshop / Guidance training skill 2	To enrich students' Guidance training skills	Around 20 students (S.3 - S.5, Guidance Prefect) Nominated by Social workers with specific criteria	TBC	Reflection by students	Ms. Kwok YT	\$10,000
						Total:	\$10,000

TOTAL: \$201,600