

Carmel Divine Grace Foundation Secondary School

Programme Evaluation Report for DLG-funded Other Programmes (Gifted Education) 2017/18

Programme Title	Objective	Target (No./level/selection)	Duration / Start Date	Deliverable	Evaluation	Expenditure
High Flyer Programmes	To further enhance students' interest and potential in Mathematics and Biology	<ul style="list-style-type: none"> ● ~50 S4 and S5 students ● Based on exam results and teachers' nomination 	Mathematics: ~20 hours, Nov., 2017 Biology: NA	Students' written reflection on learning achievement	<p>The attendance rate of the Science Enhancement Programme was high. Students conducted their experiments in our new Biotech STEM lab and did field work with the PCR machine, micro-pipets, micro-centrifuge, water bath, gel-electrophoresis and gel-imaging equipment. Using computer software to analyse the DNA sequences and to draw phylogenetic trees to demonstrate the relationship between different insects, students then presented their project, in the form of a poster and verbal presentation, at the Hong Kong Student Project Competition.</p> <p>The attendance of the Summer Mathematics Olympiad was high. Students agreed that the experience broadened their horizons and had become more confident in learning Mathematics.</p>	\$18,005.17
School-based training courses for Mathematics and Physics Olympiad Teams	To stretch students' potential and expand their horizons	<ul style="list-style-type: none"> ● 40 S4 students and S5 students ● School Olympiad Team members, selected by subject teachers 	Mathematics: 20 hours, Oct., 2017 Physics: 40 hours, Feb., 2018	Students' performance in external competitions	<p>The attendance of Mathematics Olympiad Team was high. Students gave very positive feedbacks to the course as well as the tutor. Most agreed that they had become more interested and confident in the learning of Mathematics. Three students got the Third-class Honour in the Final round of HKMO.</p> <p>The attendance of Physics Olympiad Team was high. Basic concepts of Mechanics were covered. 6 S4 students joined the Hong Kong Physics Olympiad 2018 and 1 got First Honour and 1 Honourable Mention. A student was then selected to</p>	\$19,925

					receive a series of training by the organizer and will represent Hong Kong for international competition.	
Gifted education programmes offered by tertiary/ external organisations	To extend students' breadth of knowledge and bolster their self-directedness	<ul style="list-style-type: none"> ● ~60 S4 and S5 students ● Nominated by subject teachers based on academic performance 	Nov., 2017	Students' written reflection on learning achievement and feedback from organizing institutions/ performance in competitions	Students were sponsored to participated in the Summer Institute – Hong Kog Biology Literacy Award, HKPU Biology Competition, 全港中學中醫藥常識問題比賽, 2018 Hong Kong Secondary School Mathematics and Science Competition, 2018 Australian National Chemistry Quiz, 2018 CUHK Summer Course: Innovative Chemistry STEM, Dual Program Pre-stage in Physics and Dual Program Level 1 in Physics (HKUST), Science Academy for Young Talent (CUHK), Secondary School Mathematics & Science Competition 2018, 2018 “Hong Kong 200” Leadership Project, HKU Summer Institute (Critical Thinking) & (Public Speaking) . Not only did they achieve remarkable results, they have become more confident in learning and acquired useful knowledge and skills beyond the school curriculums.	\$42,795