Christian & Missionary Alliance Sun Kei Secondary School
Education Bureau Diversity Learning Grant
Funded Other Programme (Gifted Education)
2016 – 2017 Evaluation Report

Programme Title	Objective	Target (No./level/selection)	Duration / Start Date	Deliverable	Evaluation	Expenditure
Chinese Writing and Reading Enhancement Course	• To enhance students' critical thinking skills • To boost students' creative writing skills	• 13 students • S4 to S5 students • Nominated by Chinese Language teachers of S4 and S5	10 lessons from May 2017 to Jul 2017	• Students would compile their own scripts applying the tactics and strategies learnt in the course. • Students contribute their scripts to editors and the scripts are published in literary magazines.	• The attendance of students was high (more than 85 %). • S4 and S5 students went to different classes, for the sake of learning diversity and various learning points. • Modification of the prospective programme is suggested to include experience sharing from students in this cohort.	Tutor fee $10,000
Chinese Debate Training Course	• To enhance students' critical thinking skills • To boost students' debate skills	• 11 students • S4 to S5 students • Nominated by Chinese Language teachers of S4 and S5, based on the assessment results in school	10 lessons from May 2017 to Jul 2017	• Students would compile their own debate scripts applying the tactics and strategies learnt in the course. • Students will debate, simulate the real competition and prepare for the future to join the school team.	• The attendance of students was high (more than 85 %). • To give junior form students to participate, for their early training of critical thinking and speaking ability. • More competitions with other school students are suggested.	Tutor fee $7,000
English Debate Training Course	• To enhance students' public speaking skills • To enhance students' rebuttal skills	• Students are nominated by English teachers based on their assessment results	10 lessons from Oct 2016 to May 2017	• Students would take part in debate competitions. • Students would compile their own scripts applying the tactics and strategies learnt in the course.	• It was difficult to recruit a tutor or coach with debating skills and experience after term had started. • An alumna volunteered to teach the skills and share her experience.	NIL
Musical Training Course	• To enhance students' speaking skills and creativity	• 5 students • S4 to S5 students • Nominated by the English Department and the teacher advisor of the Musical Team based on students' school assessment results and performances	10 lessons from Oct 2016 to May 2017	• Students take part in a year-end musical performance at school.	• Students performed on the stage in the school hall during the post-exam activity days and gained positive feedback from both teachers and students.	Tutor fee $5,000

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English Writing and Speaking Course	• To enhance students' writing and speaking skills	• 4 students • S4 to S5 students • Nominated by the English Department and the teachers involved based on students' school assessment results and learning attitude	Intensive summer courses on July 2017	• Students complete the courses and fulfill the course requirements.	• All students fulfilled the course requirements. • According to the participants, most of the courses could effectively enhance their writing and speaking skills and foster their creativity and confidence. • Overall speaking, most of the courses are worth joining.	Partial Course fee $12,000
Course on Poverty and Social Inclusion	• To broaden students' knowledge	• 25 students • S4 to S5 elite Liberal Studies students • Nominated by subject teachers. All selected students are in the top 15% Liberal Studies performance in the form	3-hour session on Apr 2017	• Students finish a reflection worksheet and present them in class.	• Students got first hand experience and exposure of grassroot family in Hong Kong by home visit. Social workers and volunteers guided them to discuss further the policies in Hong Kong. • The visit time was not long enough for deep sharing and understanding of the poverty situation in Hong Kong. • For next year, programmes on other groups of society could be considered.	Programme fee $7,406
Tutorial for the Physics Olympiad team	• To enrich students' knowledge in Physics • To equip students with advanced skills to solve problems in Physics	• 5 students • S4 students • Nominated by Physics teachers of S4 based on the attainment of assessments in Physics and Mathematics within school and the problem-solving skills demonstrated in Physics lessons	17 lessons from Oct 2016 to May 2017	• Students finish a set of assessment for each lesson. • Students would be nominated to take part in Physics Olympiad competitions.	• The attendance of students was high. • The contents covered in the class were modified according to the feedback made by the students. For example, advanced skills in Mathematics (e.g. calculus and vectors), as well as examples and exercises with different difficulties were included to cater for learners' diversity. • Students reflected that the tutor was willing to response to their questions patiently. • Students in the team took part in Hong Kong Physics Olympiad 2017 and Sing Yin Physics Olympiad 2017. • Hung Yan Lok (4M) won the Honorable Mention in Hong Kong Physics Olympiad 2017, and he was selected to join the "Enhancement Programme for Gifted Students in Physics" organised by HKUST.	Tutor fee $3,825

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Scientific Research Team	• To equip students with skills to invent products or to undertake scientific research projects	• 8 students • S4 to S5 students • Nominated by Science Subject teachers of S4 and S5 based on the problem-solving skills demonstrated in science lessons, students' interest and enthusiasm towards scientific research and innovation shown in science lessons	18 meetings from Oct 2016 to June 2017	• Students finish an innovative prototype and take part in competitions.	• Training sessions about programming techniques (EV3) were taught to better equip the students to refine the research and innovation. • Students showed great interests and developed solving problems skill in preparing the competitions. • Three competitions related to scientific research and innovation were participated throughout the year. • The students got remarkable results in the competitions: • 3 S5 students won 2 awards in "Hong Kong Student Science Project Competition"; • Three S5 students won Bronze awards in "I-SWEEEP 2017" organised by Harmony Public Schools. • 3 S4 students used EV3 Lego 45544 for producing innovative prototype. After making prototype, they designed the innovative Internet of Things (IoT) products with Arduino and received the merit award in the Secondary School IoT Competition 2017.	Cost of EV3 Core Set 45544: $4,680

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LEGO EV3 Course	To equip students with programming skills and develop their problem-solving mindset	• 10 students • S4 to S5 students • Nominated by teachers of science subjects	10 meetings from Oct 2016 to June 2017	• Students complete the courses and fulfill the course requirements. • Students take part in Robot competition / Science competitions.	• Training sessions about programming techniques (EV3) were provided to the students. They built LEGO robot cars and finished different tasks. • Teacher observed that the students showed their interests in learning to code through LEGO and using a physical problem-solving tool in their coding exercises. • Students participated in two competitions related to robot throughout the year. • The students got remarkable results in the competitions: • 2 S4 students received the first prize in the Robotics Intelligence DIY 2017. • 8 S4 students received the Gold award and two Bronze awards in the WRO 2017 Hong Kong Robot Challenge.	Purchase fee $13,000
Workshop on Apps Development	To broaden students' knowledge in program development	• 6 students • S4 to S5 students • Nominated by ICT teachers with specific criteria	5 lessons from Mar 2017 to May 2017	• Students create 2 Apps for the whole workshop.	• The attendance of students was high. • Most of the students could not follow the teaching schedule. The example is too difficult for them. • It seems that Java is not a suitable tool for secondary students to create apps.	Purchase fee $4,998
Workshop on Robot Control	To broaden students' knowledge in program development	• 6 students • S4 to S5 students • Nominated by ICT teachers with specific criteria	5 lessons from Sept 2016 to May 2017	• Students create 2 Apps for the whole workshop.	• The attendance of students was high • Students felt interest in building robots by themselves. • Most of the students could complete the task.	Purchase fee $3,511.08
External workshop on programming	To broaden students' knowledge in program development	• 2 students • S4 to S5 students • Nominated by ICT teachers with specific criteria	1 course in May 2017	• Students obtain attendance certificate from the organizer.	• The attendance of students was high. • Feedback from students was positive.	Course fee $1,260