

**Christian & Missionary Alliance Sun Kei Secondary School**

**Education Bureau Diversity Learning Grant**

**Funded Other Programme (Gifted Education)**

**2017 – 2018 Evaluation Report**

<b>Programme Title</b>	<b>Objective</b>	<b>Target (No./level/selection)</b>	<b>Duration / Start Date</b>	<b>Deliverable</b>	<b>Evaluation</b>	<b>Expenditure</b>
English Debate Training Course	<ul style="list-style-type: none"> <li>- To enhance students' public speaking skills</li> <li>- To enhance students' rebuttal skills</li> </ul>	<ul style="list-style-type: none"> <li>- Students are nominated by English teachers based on their assessment results</li> </ul>	10 lessons from Oct 2017 to May 2018	<ul style="list-style-type: none"> <li>- Students would take part in debate competitions.</li> <li>- Students would compile their own scripts applying the tactics and strategies learnt in the course.</li> </ul>	<ul style="list-style-type: none"> <li>- The attendance of members was high (over 90%)</li> <li>- Each member participated in at least one inter-school debating competition.</li> <li>- Members can be given more opportunities to enter large-scale competitions in the territory.</li> </ul>	Tutor fee \$3,200
English Writing and Speaking Course	<ul style="list-style-type: none"> <li>- To enhance students' writing and speaking skills</li> </ul>	<ul style="list-style-type: none"> <li>- 4 students</li> <li>- S4 to S5 students</li> <li>- Nominated by the English Department and the teachers involved based on students' school assessment results and learning attitude</li> </ul>	Intensive summer courses in July 2018	<ul style="list-style-type: none"> <li>- Students complete the courses and fulfill the course requirements.</li> </ul>	<ul style="list-style-type: none"> <li>- As the courses they applied for turned out to be very popular, only three out of the five students nominated by the school were offered a place.</li> <li>- All the three students fulfilled the course requirements.</li> <li>- According to the participants, the courses could effectively enhance their writing skills and foster their creativity and confidence.</li> <li>- Overall speaking, the courses are worth joining.</li> </ul>	Full sponsor for course fee \$8,400
Course on social enterprise and corporate firms	<ul style="list-style-type: none"> <li>- To broaden students' knowledge in entrepreneurship and have first-hand experience of their significance in the society</li> </ul>	<ul style="list-style-type: none"> <li>- 40 S4 to S6 students in two activities</li> <li>- Nominated by Liberal Studies teachers with specific criteria</li> </ul>	2 sessions during Jun 2018 to Aug 2018	<ul style="list-style-type: none"> <li>- Students would complete the activity and are required to deliver their sharing in the liberal studies lessons</li> </ul>	<ul style="list-style-type: none"> <li>- Students got first-hand experience and exposure of global poverty and inequality in the world by simulation, cooperation with a worldwide NGO. Volunteers guided them to discuss further the poverty cycle in the world. On the other activity, students got simulation of elderly people and discuss on aging population under the guidance of experienced social workers. Both activity enlightened students to consider the limitation of assistance at individual level, as well as the possible assistance in entrepreneur level.</li> <li>- The simulation proved to be a more successful activity in terms of the impact on the students. Some students gave deep reflections on global social issues that were highly praised by the organization.</li> <li>- For next year, programmes on another simulation can be considered.</li> </ul>	Programme fees \$6,375

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Tutorial for the Physics Olympiad team	<ul style="list-style-type: none"> <li>- To enrich students' knowledge in Physics</li> <li>- To equip students with advanced skills to solve problems in Physics</li> </ul>	<ul style="list-style-type: none"> <li>- 8 S4 elite Physics students</li> <li>- Nominated by Physics teachers based on the attainment assessments in Physics and Mathematics within school and the problem-solving skills demonstrated in Physics lessons</li> </ul>	22.5 hours of training sessions from Jan 2018 to May 2018	<ul style="list-style-type: none"> <li>- Students finished a set of assessments for each lesson.</li> <li>- Students were nominated to take part in Physics Olympiad competitions.</li> </ul>	<ul style="list-style-type: none"> <li>- The attendance of students was high.</li> <li>- 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.</li> <li>- Students reflected that the tutor was willing to response to their questions patiently.</li> <li>- Students in the team took part in Hong Kong Physics Olympiad 2018 and Sing Yin Physics Olympiad 2018.</li> </ul>	Tutor fee \$3,375
Sun Kei Scientific Research Team (Senior form)	<ul style="list-style-type: none"> <li>- To help students conduct research and develop their problem-solving mindset</li> </ul>	<ul style="list-style-type: none"> <li>- 10 S4 to S5 students</li> <li>- 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</li> </ul>	20 meetings from Oct 2017 to June 2018	<ul style="list-style-type: none"> <li>- Students completed the courses and fulfilled the course requirements.</li> <li>- Students were nominated to take part in science competitions.</li> </ul>	<ul style="list-style-type: none"> <li>- Training sessions about building robot and programming for students to conduct research and design innovative products.</li> <li>- Students showed great interests and developed problem-solving skills.</li> <li>- 10 S4 students participated in "FIRST LEGO LEAGUE" in which students explored how to better use hydropower and built a model with EV3.</li> </ul>	Lego EV3 course  \$6,500

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Robotics Course (Senior form)	– To equip students with programming skills and develop their problem-solving mindset	<ul style="list-style-type: none"> <li>– 10 S4 to S5 students</li> <li>– Nominated by teachers of science subjects</li> </ul>	30 meetings from Oct 2017 to July 2018	<ul style="list-style-type: none"> <li>– Students completed the courses and fulfilled the course requirements.</li> <li>– Students were nominated to take part in FIRST Tech Challenge (FTC).</li> </ul>	<ul style="list-style-type: none"> <li>– Training sessions about programming techniques (EV3) were provided to the students. They built Matrix robot and finished different tasks.</li> <li>– Teachers observed that the students showed their interests in designing robot and coding.</li> <li>– Students participated in two competitions related to the robot throughout this year.</li> <li>– 10 S5 students participated in “FIRST Tech Challenge” in which students designed, built and programmed the robot.</li> </ul>	FTC course  \$26,000
Workshop on Robotic control development	– To broaden students' knowledge in robotic control and program development	<ul style="list-style-type: none"> <li>– 6 S4 to S5 students</li> <li>– Nominated by ICT teachers with specific criteria</li> </ul>	4 lessons from Dec 2017 to May 2018	– Students created two Apps after workshop	<ul style="list-style-type: none"> <li>– Students are highly participated in the course. Most of them felt interested and challenging in building and controlling the robots.</li> <li>– Joining external competition can strengthen the motivation of the students greatly.</li> </ul>	Purchase fee \$6,610.01