

**Annual Programme Proposal for**  
**DLG – Other Programme: Gifted Education for the 2018/19 school year**

<b>Domain</b>	<b>Programme</b>	<b>Objective(s)</b>	<b>Targets (No./level/selection)</b>	<b>Duration/ Start Date</b>	<b>Deliverables</b>	<b>Teacher i/c</b>	<b>Budget</b>
Biology	Hong Kong Youth Science and Technology Innovation and researching	<ul style="list-style-type: none"> <li>◆ To provide high achievers ample opportunities to learn advanced science content</li> <li>◆ To equip students with advanced scientific researching skills for participation in Hong Kong Youth Science and Technology Innovation Competition held by Hong Kong New Generation Cultural Association</li> </ul>	<ul style="list-style-type: none"> <li>◆ 12 students from S3-5</li> <li>◆ Nominated by Biology Department</li> </ul>	~11 lessons in 2 months (~40 hours)	<ul style="list-style-type: none"> <li>◆ Scientific Report/ Innovative product at the end of the course</li> <li>◆ Participation in <i>Hong Kong Youth Science and Technology Innovation Competition</i></li> </ul>	Commissioned to external trainers with Mr. KL Chan as coordinator	HK\$20,500 (Course fee)
	Ecology in Hong Kong	<ul style="list-style-type: none"> <li>◆ To sharpen students' scientific investigation skills through field studies</li> </ul>	<ul style="list-style-type: none"> <li>◆ 6 students from S3-5</li> <li>◆ Nominated by Biology Department</li> </ul>	~11 lessons in 2 months (~40 hours)	<ul style="list-style-type: none"> <li>◆ Research report at the end of the course</li> <li>◆ Participation in investigative field study competition <i>Searching For Nature Stories</i></li> </ul>	Commissioned to external trainers with Mr. KL Chan as coordinator	HK\$20,500 (Course fee)

Chemistry	Chinese Medicine Research and Study	<ul style="list-style-type: none"> <li>◆ To equip students with knowledge of Chinese Medicine via courses provided by tutors from tertiary education sector</li> <li>◆ To equip advance scientific research skills related to Chinese Medicine using the advance analytical instruments in Chinese Medicine Research Centre</li> <li>◆ To promote Chinese Medicine Culture as an important area of Medicinal Chemistry</li> </ul>	<ul style="list-style-type: none"> <li>◆ 6 students from S3-S5 students</li> <li>◆ Nominated by Chemistry Department</li> </ul>	~ 12 lessons in 4 months (36 hours)	<ul style="list-style-type: none"> <li>◆ Scientific report/ Innovative product at the end of the course</li> <li>◆ Participation in <i>Hong Kong Students Science Projects Competition</i></li> </ul>	Commissioned to external trainers with Dr. MK Cheng as coordinator	HK\$23,000 (course fee and material fee)
	Hong Kong Youth Science and Technology Innovation Competition and Research	<ul style="list-style-type: none"> <li>◆ To enhance students' scientific research skills by incorporating STEM research techniques</li> <li>◆ To encourage students to apply their science knowledge in solving real life problems so as to accelerate their learning in science</li> </ul>	<ul style="list-style-type: none"> <li>◆ 12 students from S3-S5</li> <li>◆ Nominated by Chemistry Department</li> </ul>	~ 10 lessons in 4 months (30 hours)	<ul style="list-style-type: none"> <li>◆ Scientific report/ Innovative product at the end of the course</li> </ul>	Commissioned to external trainers with Dr. MK Cheng as coordinator	HK\$18,000 (course fee and material fee)
Physics	Physics Olympiad Competition Training	<ul style="list-style-type: none"> <li>◆ To enhance students' physics literacy and problem solving skills</li> <li>◆ To provide pre-tertiary education for skilled individuals who are keen on science</li> </ul>	<ul style="list-style-type: none"> <li>◆ 15-20 students from S3-4</li> <li>◆ Nominated by Physics Department</li> </ul>	~ 24 sessions in a year (36 hours)	<ul style="list-style-type: none"> <li>◆ Students will participate in Hong Kong Physics Olympiad held by HKAGE</li> </ul>	Commissioned to external trainers with Mr. LH Wong as coordinator	HK\$9,000 (Coach fee)