

**Annual Programme Proposal for
DLG – Other Programmes: Gifted Education for the 2023/24 school year**

Domain	Programme	Objective(s)	Targets (No./level/selection)	Duration/Start Date	Deliverables	Teacher i/c	Budget
STEM	Synthetic Biology in the real world	<ul style="list-style-type: none"> To allow students gain research and development experience through Synthetic Biology case investigations. To introduce more real world lab experience by teaching lab skills such as PCR, transformation, gel electrophoresis and collecting own data. To enforce basic chemistry, bio chemistry and molecular biology knowledge through application in experiments To train and prepare some students to join IGEM competition 	F4 25 F5 15 (nominated by teachers)	1-2 hours per session every week Jan - May, 2024	One assignment (either reading or writing) for each lesson	Mr LEUNG Kai Man, Clement	IGEM registration fees: \$36,000 Fumehood \$40,000 Incubator \$50,000