

**Annual Programme for
DLG – Other Programmes: Gifted Education for the 2022/23 School Year**

Domain	Programme	Objectives	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 30 F5 20 (nominated by teachers)	1-2 hours per session every week Jan-May, 2022	One assignment (either reading or writing) for each lesson	Mr NG Sze Ho	iGEM registration fees: \$36,000 Chemicals & Reagents for Labs: \$30,000 Other consumable: \$10,000