

**Annual Programme Plan for
DLG – Other Programmes: Gifted Education for the 2021/2022 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 30 F5 20 (nominated by teachers)	1-2 hours per sessions Jan-May, 2022	One assignment (either reading or writing) for each lesson	Mr NG Sze Ho	Centrifuge \$5,000 Instructor fees \$20,000 Gel Imager \$49,000

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Life planning and Liberal Studies	HK Schools Mooting and Mock Trial Competitions	<ul style="list-style-type: none"> Students can sharpen their communication skills. Students can strengthen their critical thinking skills. Students will have a strong sense of being law-abiding citizens. 	8-12 top F5 students	Whole school year	Competitions	Ms Liu Yuet Wah	\$1800