

Evaluation Report for DLG 2021-2022

Programme title	Objectives	Target (No./level/selection)	Duration / Start Date	Deliverable	Evaluation	Expenditure
STEM	<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 	<ul style="list-style-type: none"> Three s4(DSE) students participated in IGEM competition Nominated by Science teachers 22 F5 and 34 F4 students participated in workshops 	<p>11 lessons of 2 hours from Jan to May 2022.</p> <p>Weekly labs on Thu(After school), Fri(After school), Sat(Whole day) from May to Aug 2022</p>	<p>One assignment (either reading or writing) for each lesson</p>	<p>Students could understand and analyse the assigned article with the skills learnt and provided relevant explanation.</p> <p>The attendance was high and the performance was satisfactory.</p> <p>Most students displayed willingness to engage in self-directed learning for in-class discussion.</p> <p>Students realized moral and ethical issues behind synthetic biology research.</p> <p>IGEM team achievement in IGEM Competition 2022.</p>	<p>IGEM registration fees: \$36,004.97</p> <p>Chemicals/reagents for labs: \$29,634.3</p> <p>Other consumables: \$2,783.59</p>