

Evaluation Report for DLG 2023-2024

Programme title	Objective	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"> Two S4 (DSE) students participated in IGEM competition Nominated by Science teachers 27 S5 and 24 S4 students participated in workshops 	<p>8 lessons of 2 hours from Dec 2023 to Feb 2024.</p> <p>Labs for iGEM competition every day from Jul to Aug 2024</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 2023.</p>	<p>IGEM registration fees: \$66542.87</p> <p>Chemicals/reagents for labs: \$24862.28</p>