

## Evaluation Report for DLG 2022-2023

Programme title	Objective	Target (No./level/selection)	Duration / Start Date	Deliverable	Evaluation	Expenditure
STEM	<ul style="list-style-type: none"> <li>To allow students gain research and development experience through Synthetic Biology case investigations.</li> <li>To introduce more real world lab experience by teaching lab skills such as PCR, transformation, gel electrophoresis and collecting own data.</li> <li>To enforce basic chemistry, bio chemistry and molecular biology knowledge through application in experiments</li> <li>To train and prepare some students to join IGEM competition</li> </ul>	<ul style="list-style-type: none"> <li>Three s4(DSE) students participated in IGEM competition</li> <li>Nominated by Science teachers</li> <li>35 F5 and 33 F4 students participated in workshops</li> </ul>	<p>6 lessons of 2 hours from Oct to Nov 2022.</p> <p>5 lessons of 1 hour from Nov, 2022 to Jan, 2023</p> <p>Labs for IGEM competition everyday from Jul to Aug 2023</p>	One assignment (either reading or writing) for each lesson	<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: \$44,016.25</p> <p>Chemicals/reagents for labs: \$2,727.5</p>