

To Whom It May Concern,

**REFERENCE FOR LIMINA EDUCATION SERVICES**

It is with great enthusiasm that I provide this letter of reference for Limina Education Services. As an external evaluation partner to Green Shoots Education Services (GSED), Limina has consistently delivered exceptional research and evaluation services, including producing a series of comprehensive reports that have significantly informed and shaped the implementation of the Maths Curriculum Online (MCO) initiative. These reports have provided valuable insights into the program's effectiveness and have served as a cornerstone for evidence-based improvements in mathematics education.

Limina has produced several key reports for GSED, including the **Integrated Maths Project Monitoring & Evaluation Report (2016–2018)**, the **Learning Gains Study on Maths Curriculum Online Engagement**, and the **MERL Report on Maximising MCO Use and Data-Informed Decision-Making (2024)**. Each of these reports has been a testament to Limina's methodological rigor and their ability to present actionable findings. These studies combined quantitative and qualitative approaches, offering a nuanced understanding of learner performance, teacher development, and systemic adoption of data-informed decision-making (DID).

Their methodological approach is exemplary. Leveraging a Utilization-Focused Evaluation framework, Limina employed structured interviews, extensive surveys, real-time analytics, and thematic coding to produce findings that are both reliable and deeply insightful. For instance, the integration of advanced statistical techniques such as regression and correlation analysis in the MERL studies revealed clear links between MCO dashboard usage by educators and improved learner outcomes. Meanwhile, qualitative tools like structured classroom observations and focus group discussions added a critical layer of contextual understanding.

Furthermore, Limina's ability to adapt their methodologies to the unique contexts of the schools has ensured that their evaluations are highly relevant and actionable. Their reports have been a factor in driving improvements at multiple levels—enhancing classroom practices, equipping district officials with data insights, and informing GSED's broader strategic goals. Their contributions have supported the adoption of DID practices, which have fostered more effective and sustainable improvements in mathematics education.

Additionally, Limina's professionalism in presenting findings has been consistently outstanding. Their reports are meticulously detailed yet accessible, with clear visualizations and summaries that facilitate stakeholder engagement. Their work has strengthened GSED's ability to communicate the impact of its programs to funders, policymakers, and other key stakeholders, ensuring alignment with both national and international education goals.

Green Shoots has greatly benefited from Limina's expertise and the high-quality reports they have produced. I am confident in recommending Limina Education Services to any organization seeking a research partner capable of delivering actionable, contextually relevant, and methodologically robust evaluations.



**J Besford, Director**