

FOREWORD

All praise and gratitude to Jesus Christ for all the blessings so that the author is able to complete the thesis entitled " Development of PjBL-Based Modules and Its Effect on Learning Outcomes, Critical Thinking and Problem-Solving Skills on The Topic of Determination, Differentiation, and Organogenesis". This thesis is written in order to achieve a Bachelor of Education degree in the Biology Education Study Program, Faculty of Mathematics and Natural Sciences, Universitas Negeri Medan.

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As an ordinary human being, the author realizes the preparation of this thesis is far from perfect due to the limited knowledge. Therefore, for errors and shortcomings in writing, the author apologizes and is willing to accept constructive criticism. Hopefully, this thesis can provide benefits for anyone who reads it.

Medan, 28 May 2024

Author,

A handwritten signature in black ink, appearing to read 'Mindov', written in a cursive style.

Mindo Laura Victoria Tampubolon

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