

FOREWORD

All praise and gratitude are due to God Almighty for His blessings and mercy, which have enabled the author to complete this thesis entitled “*Development of Ethno-STEM Based Modules Integrated with Creative Thinking on Element, Compound, and Mixture Materials.*” This thesis was prepared as one of the requirements for obtaining a Bachelor's degree in Science Education (Bilingual Program) at the Faculty of Mathematics and Natural Sciences, Universitas Negeri Medan.

The completion of this thesis involved several stages following academic procedures, including determining the research topic, preparing the proposal, conducting seminars, collecting data, implementing the research, and finally, writing and defending the thesis. The selected topic arises from the need to develop innovative science learning materials that integrate Ethno-STEM and creative thinking to improve students' engagement and understanding of science concepts in the context of local culture.

The author realizes that the successful completion of this thesis would not have been possible without the guidance, support, and encouragement from many parties. Therefore, the author would like to express sincere gratitude to:

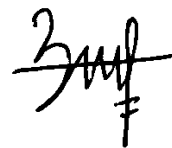
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The author fully realizes that this thesis is still far from perfect. Therefore, constructive criticism and suggestions for future improvement are greatly appreciated. The author sincerely hopes that this thesis can provide benefits and contributions to the development of science education.

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