PREFACE

Praise and gratitude to God Almighty who has given His grace and gifts, so that the author can complete this thesis well. This thesis is prepared to fulfill some of the requirements needed to achieve a Bachelor of Education degree in the Natural Science Education Study Program, Faculty of Mathematics and Natural Sciences (FMIPA), Medan State University (UNIMED). The preparation of this thesis has gone through a long and tiring road and various stages in accordance with the standard procedures applicable at FMIPA UNIMED, starting from the stages of determining research topics, preparing and seminar proposals, conducting research, preparing theses, and thesis examinations. The selection of research topics is based on current problems related to the implementation of Curriculum 2013 learning. The selection of the research topic was based on current problems related to the implementation of the 2013 curriculum.

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The author realizes that this thesis still has shortcomings and limitations, however, while expecting criticism and suggestions, the author hopes that this thesis can be useful for related parties, especially in improving science learning in the classroom.

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