

PREFACE

Praise and gratitude to God Almighty who has given His mercy and grace, so that the author can complete this thesis well. This thesis was prepared to fulfill some of the requirements needed to achieve a Bachelor of Education degree in the 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, tiring journey and various stages in accordance with the standard procedures that apply at FMIPA Unimed, starting from the stage of determining the research topic, preparing and seminar proposals, carrying out research, preparing the thesis, and defending the thesis exam. The selection of research topics is based on current problems related to the implementation of the Independent Curriculum.

Through this opportunity, the author would like to express his thanks to all parties who have helped in preparing the thesis. A big thank you goes to Halim Simatupang, M.Pd. as a Thesis Supervisor, for his extraordinary guidance, motivation and direction so that all stages in the preparation of this thesis can be passed smoothly. To Mr. Prof. Drs. Togi Tampubolon, M.Si., Ph.D., Mr. Feri Andi Syuhada, S.Pd., M.Pd., and Mr. Ahmad Shafwan S. Pulungan, S.Pd., M.Sc., as Examining Lecturers, who has provided a lot of criticism and suggestions for improvement starting from the proposal seminar to the examination stage for defending the thesis, so that this thesis can be completed well too. The author also conveys infinite thanks to Mr. Muhammad Aswin Rangkuti, S.Pd., M.Pd., Ph.D., Mr. Muhammad Anggie Januarsyah Daulay, S.S., M.Hum., and Mr. Irham Ramadhani, S. Pd., M.Pd. for his invaluable assistance through validation of research instruments. The author also does not forget to thank the Principal and Science Teacher at SMP Negeri 29 Medan, for their assistance and giving the author the freedom to conduct research at the school.

The author realizes that this thesis still has shortcomings and limitations, however, while expecting constructive criticism and suggestions, the author hopes that this thesis can be useful for related parties, especially in perfecting the implementation of the Independent Curriculum in the classroom.

Medan, April 03, 2024

Writer,



Ade Sara Sabila Nasution

