

PREFACE

Praise and gratitude to God Almighty for His blessings and grace so that the author can complete this thesis well. This thesis is entitled "The Influence Of Group Investigation Model On Students' Critical Thinking Ability And Environmental Care Attitude At Environmental Changes Topic In Class X Sma Negeri 1 Medan".

During the preparation of this thesis, the author received a lot of material, support, advice, direction and criticism from various parties. In particular, the author would like to express his deepest gratitude to my parents Amang parsinuan Giat Sudirman Hutagaol and Inong pangittubu Inpo Fransiska Hutabarat who fully supported me in the preparation of this thesis. On this occasion, with all sincerity and humility, the author would like to thank:

1. Thesis Supervisor, Mr. Prof. Dr. rer. Nat. Binari Manurung, M. Si. who have taken a lot of time to guide and provide constructive input from start to finish in order to improve and perfect the contents of this thesis.
2. Mrs. Sri Haryati, S.Pd as a teacher in the field of Biology who has helped the author a lot in carrying out research.
3. To the writer's family, namely my younger siblings Tulus Andri Adi Hutagaol, Helen Elmei Hutagaol and Steven Gusbel Hutagaol as well as the entire family who gave me support and prayers.
4. To my sister Ines Manalu, and all my boarding friends who always provide encouragement and entertainment to me.
5. All respondents who have provided time and information to help complete this thesis.

Finally, the author would like to thank all the support and assistance from various parties in order to perfect this thesis. May God Almighty bestow His grace upon us all, the author hopes that this thesis will be useful for anyone who needs it.

Medan, 08 July 2024



Gresia Palentina Hutagaol
IDN. 4193342003