

ACKNOWLEDGEMENT

Alhamdulillah the deepest thank and praise the writer prayed to Allah SWT for the blessing hence writer is able to finish this thesis entitled “The Application of Scientific Approach Student’s Worksheet on Organism and Environment Topic Towards Student Learning Outcome In Bilingual Chemistry 2016 Class FMIPA UNIMED Academic Year of 2016/2017” to fulfill one of the requirement for the degree of Sarjana Pendidikan in Biology Department, FMIPA UNIMED.

First thanks to the Dean of FMIPA UNIMED Dr. Martina Restuati, M.Si, the Head of Biology Department Dr. Hasruddin, M.Pd, and the Coordinator of Bilingual Program Dr. Iis Siti Jahro, M.Si. The writer gratefully acknowledges the deepest gratitude to Dra. Meida Nugrahalia, M.Sc as the writer thesis supervisor who has generously spent precious time in giving the guidance, encouragement, comments and suggestions until this thesis comes to its present form. The enormous appreciation is addressed to Dr. Hasruddin, M.Pd; Dr. Melva Silitonga, MS; and Dr. Zulkifli Simatupang, M.Pd as the examiners for the criticisms and valuable advices. The writer would also thanks to Prof. Dr. Herbert Sipahutar, M.S., M.Sc as the academic supervisor and all lecturers of Biology Department. Special thanks are extended also to the Head of Chemistry Department, Agus Kembaren, S.Si., M.Si who allowing to conduct the research in his department.

Biggest and special thanks are delightfully addressed to beloved parents, for the genes, loves, caring, advices, funding, and the prays in all over the time, and also for my siblings Riana and Agung for the support, du’a and kindness. Lucky to have amazing experience in da’wah with muslimah community Unimed, for togetherness during the study with all friends in Bilingual Biology 12, and especially for : Nesya, Durriyah, kak Corry, Afatar, kak Jeje and Trinov that help me so much to complete this thesis. May Allah reward all those who have contributed in the completion of this thesis. Hopefully, this thesis will be beneficial to contribute ideas in education.

Medan, December 2017

Writer,

Dwi Purwanti

4123141028