

ACKNOWLEDGEMENT

Praise thank fullness is given to The Only One Savior, Jesus Christ who always help me, and have given health, strength, spirit, knowledge, and material to finish this thesis.

Title of this thesis is **“The Effect of Applied the Contextual Teaching Learning (CTL) approach Laboratory Experiment to Increase Student’s Achievement on Topic Salt Hydrolysis“** that arranged to obtain the degree of Sarjana Pendidikan in Chemistry Department, Faculty of Mathematics and Natural Science, State University of Medan (UNIMED).

In this opportunity, I would to express his gratitude to Dr. Retno Dwi Suyanti, M.Si. as my thesis supervisor who has provided guidance, advices, motivation, and suggestion during the process of completing this thesis. I also give thanks to Prof. Dr. Albinus Silalahi., Dr. Iis Siti Jahro, M.Si., Drs. Marham Sitorus, M.Si., as an evaluator committee who has provided suggestion from the plan until the completion of this thesis. The gratitude also goes to Prof. Drs. Motlan Sirait, M.Sc, Ph.D., the dean of Mathematics and Natural Science Faculty, State University of Medan, and Prof. Dr. rer. Nat. Binari Manurung, M.Si., as a Coordinator Bilingual Programme, their advices and other necessary administrative.

I also give thanks to Prof. Dr. Suharta, M.Si, as the Academic Supervisor who always guide researcher during the lecturer, great thanks to Prof. Dr. Ramlan Silaban, M.Si. as the validator of instrument test in this research, and the entire along with Mr and Mrs. Staff and Lecturer in chemistry department FMIPA UNIMED who helped the author. The author also presented to School Principle of SMA N 3 Medan, Drs. Sahlan Daulay, M.Pd that give permission and Drs. Simon M.Pd., and Rini S.Pd as the chemistry teacher in SMA N 3 Medan. Special gratitude and appreciation to the my lovely father Raflan Sihite and my lovely mother Heppy Jeny Hasibuan and also to my dearest sisters (Lamsihar Sihite, SKep., and Meida Sihite) for their love supports, pray, motivation and caring that they give. My Brother (Bontor Sihite) and Dra. N. Rumapea M.Si., thank you for the careness and given me support until the completion

of this thesis. The authors also express thank to all my friends in Bilingual Chemistry Educatioo'09 especially Mastiur, Sanny, Hilda, Alin, Dimas, for giving motivation, spirit, and pray. Thank also to my big family, Resti, Vivi, Weni, Natal, Harlen, Tasya, Floren, for support and pray, and special thanks to someone that owns my heart, thanks for the love, careness, pray, and motivation. I also would like to say thank you to all whose names cannot be mentioned one by one for their support and friendship through my academic years.

The author tried for maximal effort in the completion of this thesis. Authors hope the critique and suggestions from readers for completeness the thesis perfectly. Finally, the writer hopes this thesis can be useful to enrich the reader in science education and for further improvement of this thesis.

Medan, January 2014
The Writer,

Mona Sihite

THE
Character Building
UNIVERSITY