ACKNOWLEDGEMENT

Praise and great gratitude to Almighty God submitted by the author to the Lord Jesus Christ Her Savior for blessings and help to complete this thesis on time. The title of this thesis is “The Comparison of Student Retention and Learning Outcome by using Wors Square and Crossword Puzzle Media In Vertebrate Binomial Nomenclature (Latin) on Grade X SMA Negeri 11 Medan Academic Year 2014/2015”.

This thesis is arranged to fulfill the requirements for obtaining bachelor's degree, in Bilingual Biology Education Study Program, Faculty Mathematics and Natural Science, State University of Medan.

On this occasion with great humility, the author would like to thankyou to all of those who have given her help and guidance so that this thesis can be finished. Completion of writing of this thesis, I would like to show her greatest appreciation to her beloved parents, they are Mr. M. Siadari and Mrs R br Sihaloho for their endless support, love, and prayer, during her study until now. She also remember to her little sister Octavia Lestari Siadari being supportive sister. The also does not forget to her beloved brothers Daniel Hamonangan Siadari and Binsar Noverandi Siadari for them help and motivation in this research process. Then to my aunty Rosida Siadari, S.Pd for her loving care to me.

Foremost, The author would also like to express my sincere gratitude to my advisor Drs. Tri Harsono, M.Si who has supported me throughtout her thesis with her patience and motivation and time to make this thesis possible to finish on time. The writer also recognized the valuable constructive critics and suggestion from all examiners (Prof. Dr. Herbert Sipahutar, MS., M.Sc., Dra. Melva Silitonga, M.Sc., Drs. Puji Prastowo, M.Si). The writer will not forget the contribution of Prof. Drs. Motlan, M.Sc, Ph.D., as the dean of the Faculty of Mathematics and Natural Science, State University of Medan. Drs. H. Tri Harsono, M.Si as the head of Biology department, Prof. Dr. rer. nat. Binari Manurung, M.Si as the coordinator of bilingual study program. Together, the
contribution and help of the headmaster of SMA Negeri 11 Medan Drs. Karapatan Lumbantoruan, M.Pd who allowed the writer to conduct the research, and Mrs. Alfrida Siregar, S.Pd and all the teachers then the students especially X IPA 1 and X IPA 3 Medan in SMA Negeri 11 Medan are highly appreciated.

At the last but not least, the author like to offer her special thanks to her Small Group in UKMKP named (IGREYA) they are: Lydia Trisnawati Silalahi, Saraswati Siahaan, Saut Harianto Manik, Septe Vionly Ambarita, and her sister Sartika Sinulingga for their friendship, encouragement, motivation, and pray in other I can finish my thesis, my college well as well as get the good value. Thanks for all. Jesus Christ loves us.

Then, the authors also give thanks to her best friend ever Rani Afrida Tarigan, Eva Elfrisa Siburian, Lestari Harahap, Martina Simangunsong, Febriani Siringo-ringo, Jasmen Eben Ezer Sihotang, Frederick Leonard Pandiangan, Indra Jaya Purba, and to her PPL friends (Yerni, Natalita, Dewi, Septe, Saut, Rusdi, Vera, Juwita, Angela, Theresia, and Mia) to their motivation and cooperation. Wonderful, thank for all my greatest friends in Bilingual Biology Education 2011 that I could not mention their names one by one.

Final words, the author hopefully this thesis can be useful for us and become the input for the parties in need. Lots of love and thank to all of you. May God bless us

Medan, June 2015

Arta Ria Siadari
SID.4113141005