

**EXTENT OF EFFICACY OF MOTHER TONGUE-BASED MULTILINGUAL
EDUCATION IN LEARNING MATHEMATICS OF GRADE
THREE PUPILS IN MSU- ILS**

An Undergraduate Thesis
Presented to the Faculty of the
Department of Elementary Teaching
COLLEGE OF EDUCATION
Mindanao State University
Marawi City

In Partial Fulfillment
Of the Requirements for the Degree
Bachelor of Elementary Education

Alainie M. Daroyodun
Nasibah P. Mauna

January 2024



MSU-LIBRARY

EDUC - UT - 24 - 2492



ABSTRACT

Daroyodun, Alainie M. and Mauna, Nasibah P. "EXTENT OF EFFICACY OF MOTHER TONGUE-BASED MULTILINGUAL EDUCATION OF GRADE THREE PUPILS IN MINDANAO STATE UNIVERSITY - INTEGRATED LABORATORY SCHOOL". An Undergraduate Thesis. Department of Elementary Teaching, College of Education, Mindanao State University-Main Campus, Marawi City. January 2024

Adviser: Saripa M. Taib - Domaub, Ph.D.

One of the recent transitions in the Philippine educational system brought by K to 12 program is the Mother Tongue-Based Multilingual Education (MTB-MLE) which has already materialized for almost ten years. The initiation of this new language policy is also an advent of different issues affecting its implementation. This quantitative study was conducted to ascertain the efficacy of Mother Tongue-Based Multilingual Education on the Math literacy skills of the Grade three pupils of Mindanao State University-Integrated Laboratory School. The respondents involved in this study were the grade three pupils of Mindanao State University- Integrated Laboratory School with the total number of one hundred fifty (150). The findings of the study revealed that the respondents strongly agree that they get high scores in class tests using Meranao as the language of instruction and can actively participate in the lesson when lessons are taught using the same language. They strongly agree that they can answer questions when lessons are in Meranao and can explain learned concepts to the teachers. Exposing the pupils to their mother tongue and providing activities which can be understood by the pupils, it showed that it greatly influences their academic performance. This study recommends that school administrators should initiate trainings and provide resources for mathematics teachers to enhance their skills in teaching Mathematics. They may instruct teachers to implement the use of Mother Tongue in Teaching and Learning Mathematics.

Keywords: *Efficacy, Mother Tongue-Based Multilingual Education, Meranao, Learning Mathematics*