

MULTIPLE INTELLIGENCES PROFILE AND ACADEMIC PERFORMANCE
OF INTERMEDIATE PUPILS OF ST. JOSEPH'S SCHOOL-MACTAN: PROPOSED
EXEMPLAR LESSON PLANS

A Thesis

Presented to the
Graduate Faculty of the
College of Education
University of San Carlos
Cebu City, Philippines

In Partial Fulfillment
of the Requirements for the Degree
MASTER OF ARTS IN EDUCATION
Major in EDUCATIONAL MANAGEMENT

by

SR. AGNES V. LABITORIA, SFIC

March, 2006

242478 c.4
UNIVERSITY OF SAN CARLOS
LIBRARY

ABSTRACT

The purpose of this study was to draw up the multiple intelligences profile of intermediate pupils (Grade 5 and Grade 6) of St. Joseph's School-Mactan and to determine the correlation between the multiple intelligences of these pupils and their academic performance in school year 2003-2004. It also aimed to help develop the pupils' multiple intelligences and improve their academic performance through the implementation of the Theory of Multiple Intelligences in the teaching-learning process. A researcher-made Multiple Intelligence Test was administered to 91 Grades 5 and 6 pupils.

The multiple intelligences profile revealed that the Grade 5 pupils are high in Logical-Mathematical, Visual-Spatial and Naturalist Intelligences but low in Musical and Intrapersonal Intelligences. The high profile in these intelligences showed that the Grade 5 pupils have a strong inclination towards Mathematics and Science which deal with activities that need visuals and tangibles and also deal with the natural world. The Grade 6 pupils are high in Naturalist, Interpersonal and Bodily-Kinesthetic Intelligences but low in Verbal/Linguistic Intelligence and Intrapersonal Intelligence. The high profile in these intelligences revealed that these pupils are "nature-lovers," "people-oriented" and "hands-on learners." The Intrapersonal Intelligence profile of both Grades 5 and 6 is low because the pupils are more engrossed in doing activities outside together with others than doing self reflection activities.

Using the Pearson-Product Moment Correlation Coefficient Method, the final grades obtained in the permanent records of the pupils involved in the study were correlated to the multiple intelligences profile. The result showed a significant relationship between Verbal/Linguistic Intelligence and Filipino in Grade 5. For Grade 6, there was a significant relationship between Verbal/Linguistic Intelligence and Science and Sibika at Kultura; between Musical Intelligence and Filipino, Mathematics, Science and Sibika at Kultura; between Bodily/Kinesthetic Intelligence and Science and Sibika at Kultura. The other multiple intelligences did not correlate significantly with the pupils' academic performance. This is due to the fact that the Theory of Multiple Intelligences has not been introduced prior to the study. The significant relationships between Verbal Linguistic Intelligence, Musical Intelligence and Bodily-Kinesthetic Intelligence and the specified subjects suggest a strong need of implementing the Theory of Multiple Intelligences in the different subject areas.

The findings of the study revealed that pupils have multiple intelligences which are developed in varying degrees. Some pupils are strong in one or more intelligences while the others are weak. Further findings revealed a significant relationship between Multiple Intelligences and Academic Performance. Based on the findings of this research, it is recommended that the Theory of Multiple Intelligences be taken up as a topic of study in the Faculty Development Program of St. Joseph's School-Mactan. The exemplar lesson plans can be used by the teachers as references when they construct their own lesson plans for the subjects assigned to them.

TABLE OF CONTENTS

Page

TITLE PAGE	i
APPROVAL SHEET	ii
ACKNOWLEDGMENT	iii
ABSTRACT	v
Chapter	
1 THE PROBLEM AND ITS SCOPE	1
INTRODUCTION	1
Rationale of the Study	1
Theoretical Background	3
THE PROBLEM	9
Statement of the Problem	9
Statement of Hypothesis	10
Significance of the Study	10
RESEARCH METHODOLOGY	12
Research Environment	12
Research Respondents	14
Research Instruments	14
Research Procedures	15
Gathering of Data	15
Treatment of Data	15
DEFINITION OF TERMS	16

2	PRESENTATION, ANALYSIS AND INTERPRETATION OF DATA	17
	The Multiple Intelligences Profile of Intermediate Pupils	17
	The Academic Performance of Grades 5 and 6 Pupils	37
	Correlation between Multiple Intelligences and Academic Performance	40
3	EXEMPLAR LESSON PLANS	49
	English	50
	Filipino	54
	Mathematics	58
	Science	61
	Sibika at Kultura	65
4	SUMMARY, FINDINGS, CONCLUSIONS AND RECOMMENDATIONS	69
	Summary	69
	Findings	70
	Conclusions	72
	Recommendations	73
	BIBLIOGRAPHY	75
	APPENDICES	75
	A Transmittal Letter	80
	B Multiple Intelligence Test	81
	C Stories Used in the Exemplar Lesson Plans	85
	C-1 Ang Tunay na Kagandahan	85
	C-2 Little Talents	88

authentic learning based on the students' needs, interests and talents.

(http://www.thirteen.org/edonline/concept2class/mi/index_sub5.html)

The MI approach is seen as a teaching innovation to help teachers facilitate the learning of children in different ways. As in clothing, "one size does not fit all," so in the classrooms "one way is not the way" (Gregory and Chapman, 2002:57). In using the Theory of Multiple Intelligences in the classroom, the teacher is able to adjust her way of teaching according to the needs of the learners so that they reach their potential and be at their best with joy, enthusiasm, creativity and self-confidence. Studies revealed the need to incorporate MI strategies as a tool and technology to enhance the MI of children and to improve their academic performance.

THE PROBLEM

Statement of the Problem

The study intended to determine the relationship between the multiple intelligences of the Grades 5 and 6 pupils of St. Joseph's School-Mactan and their performances in their academic subjects.

Specifically, it sought to answer the following questions:

1. What is the Multiple Intelligences profile of the intermediate grade pupils of St. Joseph's School-Mactan?

2. What is their academic performance as indicated in their final grades? (English, Filipino, Mathematics, Science and Sibika at Kultura)
3. Is there a significant correlation between their multiple intelligences and their academic performance?
4. How may lesson plans be formulated applying the Theory of Multiple Intelligences?

Statement of Hypothesis

There is no significant correlation between the pupils' multiple intelligences profile and their academic performance.

Significance of the Study

The study attempted to help the school community attain the aims of the Grade School Program that is focused on academic excellence and the formation of the total person. Through the implementation of the Theory of Multiple Intelligences in the classroom setting the study aimed to help develop the pupils' multiple intelligences and improve their performance in the academic subjects.

Specifically, the study could be one of the topics to be included in the Faculty Development Programs. Faculty Development Programs provide opportunities to the faculty members for the continuing and life-long acquisition of a high standard of scholarship and professionalism in the field of education. Through the program the researcher can share the study to update the members of the faculty of the new