

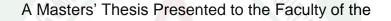


### CONTEXTUALIZED MODULE IN STATISTICS: EFFECTS ON

#### **GRADE 10 STUDENTS' PERFORMANCE AT**

### SAN JOSE COMMUNITY HIGH SCHOOL,

SCHOOL YEAR 2017 – 2018



College of Science and Computer Studies Graduate Studies

De La Salle University-Dasmariñas

City of Dasmariñas, Cavite

In Partial Fulfilment of the Requirements for the Degree

Master of Arts in Mathematics

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De La Salle University - Dasmariñas college of science and computer studies graduate studies



The need to improve the learning process is the focus of the study. As part of the innovation in teaching-learning process, contextualization has been observed. The purpose of this study is to determine the effects of contextualized module in teaching statistics in grade 10. The respondents of the study are the two intact classes of the researcher with 40 students each. Quasi-experimental research utilizing pre-test and posttest was conducted. Mean, standard deviation, t-test for dependent and independent samples and two way repeated measures ANOVA were computed to find the significant difference in the students' performance level. The findings showed that there was a significant difference between the pre-test and post-test mean scores of the experimental and control group. The increase of the post-test mean score of the experimental group shows that the contextualized module was effective. Thus, using the contextualized module helps the students to catch up on the lesson even without the direct instruction coming from the teacher. This proves that students learned best when experiences in the community have meanings and relevance in their lives. Therefore, teachers must strengthen and utilize the use of contextualized module in teaching.



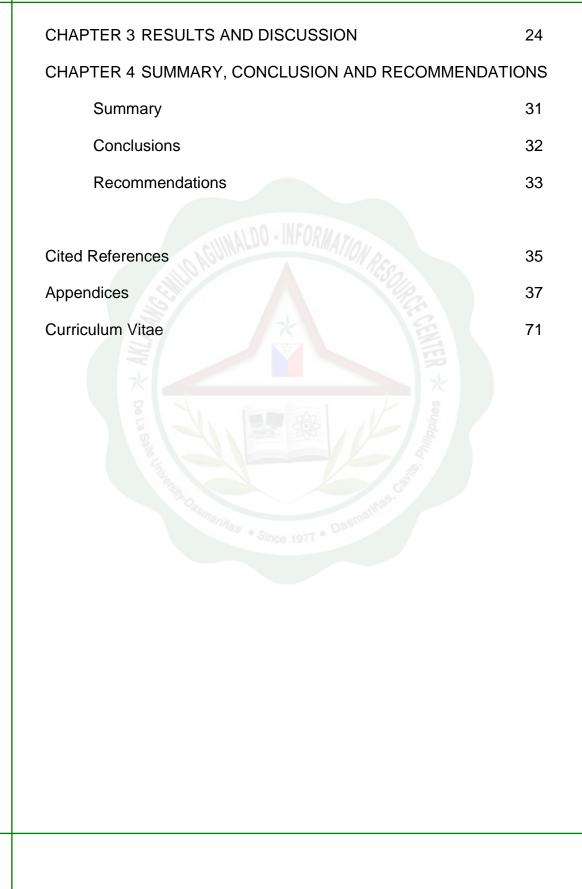
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TABLE OF CONTENTS				
Title Page	1			
Abstract				
Approval Sheet				
Acknowledgments				
Acknowledgments Table of Contents				
List of Tables				
List of Figures				
List of Appendices				
CHAPTER 1 INTRODUCTION				
Background of the Study	12			
Objectives of the Study	17			
Hypothesis of the Study	18			
Scope and Delimitations	18			
Significance of the Study	19			
CHAPTER 2 METHODOLOGY				
Research Design	21			
Respondents of the Study	22			
Research Instrument	22			
Data Gathering Procedures	22			
Statistical Method	23			

7

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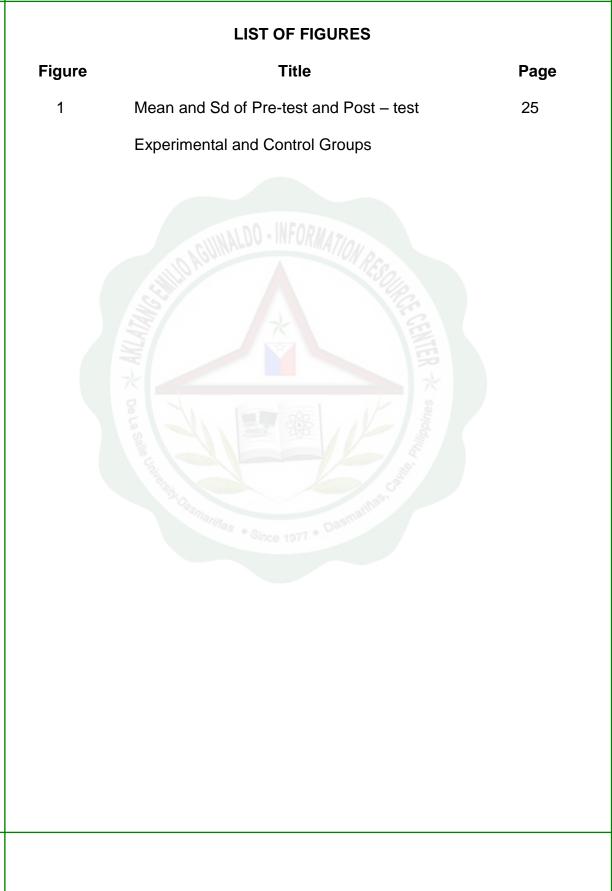
### LIST OF TABLES

Table	Title	Page
1	Pre-test and Post-test Mean Gain Scores of the	24
	Experimental Group and Control Group	
2	Pre-test and Post-test Mean Scores of the	26
	Experimental Group	
3	The Pre-test and Post-test Mean Scores of the	27
	Control Group	
4	Two – Way Repeated Measures ANOVA Results	28
	of the Test of Within – Subject Effect	
5	Two – Way Repeated Measures ANOVA Results	29
	of the Test of Between – Subject Effect	

9



## De La Salle University - Dasmariñas College of science and computer studies **GRADUATE STUDIES**





De La Salle University - Dasmariñas 🕡 **GRADUATE STUDIES** 



Appendix	Title	Page
Α	Letter of Request to the Supervisor	37
В	Letter of Request to the Principal	38
С	Endorsement Letter	39
D	Achievement Test in Statistics	40
E	Contextualized Module	52

