TABLE OF CONTENT

Content	Page
Legalization Page	i
Biography	ii
Abstract	iii
Preface	iv
Table of Content	vi
List of Figure	viii
List of Table	ix
List of Appendices	x
CHAPTER I INTRODUCTION	
1.1 Background	1
1.2 Identification of Problem	7
1.3 Limitation of Problem	7
1.4 Formulation of Problem	7
1.5 Objective of Research	8
1.6 Benefit of Research	8
1.7 Operational Definition	8
CHAPTER II LITERATURE REVIEW	
2.1 Theoretical Framework	9
2.1.1 Understanding Learning	9
2.1.2 Learning Model	10
2.1.3 Inquiry Learning Model	12
2.1.3.1 Definition of Inquiry Learning Model	12
2.1.3.2 Steps in Inquiry Learning Model	14
2.1.4 Understanding Mathematics Learning	17
2.1.5 Problems in Mathematics	18
2.1.5.1 Problem Solving Ability	19
2.1.5.2 Indicators of Problem Solving Ability	20
2.1.6 Learning Theory Supporting Inquiry Learning Model	21
2.2 Teaching Materials	23
2.3 Relevant Research	25
2.4 Conceptual Framework	27
2.5 Hypothesis of Research	28
Chapter III Research Methods	
3.1 Location and Time of Research	29
3.1.1 Location of Research	29
3.1.2 Time of Research	29
3.2 Population and Sample of Research	29
3.2.1 Population of Research	29
3.2.2 Samples of Research	29
3.3 Variable of Research	29

3.3.1 Variables 29
3.3.1.1 Treatment Variables 29
3.3.1.2 The Independent Variables that are Controlled 30
3.3.1.3 The Independent Variables that cannot be Controlled 30
3.3.2 Dependent Variable 30
3.4 Type and Design of Research 30
3.5 Procedure of Research 31
3.6 Data Collection Techniques 33
3.7 Data Analysis Technique 35
3.7.1 Calculating the Average Scores 35
3.7.2 Calculating Standard Deviation 35
3.7.3 Normality Test 35
3.7.4 Homogeneity Test 36
3.7.5 Hypothesis Testing 37

CHAPTER IV RESULT OF RESEARCH AND DISCUSSION
4.1 Result of Research 39
4.1.1 Result Descriptive Analysis 39
4.1.1.1 Pre-test Value of Students' Problem Solving Ability Experiment and Control Class 39
4.1.1.2 Post-test Value of Students' Problem Solving Ability Experiment and Control Class 41
4.1.1.3 Analysis of Average Result of Students Answer Based on Indicators of Mathematical Problem Solving Ability 43
4.1.2 Normality Test 44
4.1.3 Homogeneity Test 44
4.1.4 Hypothesis Testing 45
4.2 Discussion 46
4.2.1 Problem Solving Ability 47
4.2.2 The Weakness of Research 48

CHAPTER V CONCLUSION AND SUGGESTION
5.1 Conclusion 50
5.2 Suggestion 50

REFERENCES 51

APPENDICES 54