TABLE OF CONTENT

	Page
Approval Sheet	i
Biography	ii
Abstract	iii
Preface	iv
Table of Content	vi
List of Table	ix
List of Figure	Х
List of Appendix	xi
CHAPTER I INTRODUCTION	
1.1 Background	1
1.2 Identification of Problems	5
1.3 Scope of Problem	5
1.4 Formulation of Problem	5
1.5 Research Purpose	6
1.6 Benefits of Research	6
1.7 Operational Definition	6
CHAPTER II LITERATURE REVIEW	
2.1 Theoritical Framework	8
2.1.1 Understanding Learning	8
2.1.2 Scientific Process Skills	8
2.1.3 Understanding Learning Models	14
2.1.4 Inquiry Learning Model	15
2.1.4.1 Guided Inquiry Learning Model	16
2.1.4.2 Stages of Guided Inquiry Learning Models	17
2.1.4.3 Strengths of Guided Inquiry Learning Models	18
2.1.4.4 The Weakness of Guided Inquiry Learning Mode	el 18
2.1.5 Conventional learning	19

2.2	Relevant Research	20
2.3	Conceptual Framework	21
2.4	Research Hipothesis	23

CHAPTER III RESEARCH METODS

3.1	Location and Time of Research		
3.2	Population and Research Samples		
3.2.1	Population	24	
3.2.2	Samples	24	
3.3	Research Variables	24	
3.4	Types and Design of Research		
3.4.1	Research Types	25	
3.4.2	Research Design	25	
3.5	Research Procedures	26	
3.6	Research Instruments	29	
3.6.1	Instrument for Student Science Process Skills	29	
3.6.2	Trial of Educational Instruments	30	
3.7	Data Analysis Techniques	32	
3.7.1	Data Analysis of the Science Process Skill Test	32	
3.7.1.1	Determine the average value and standard deviation	32	
3.7.2	Normality test	33	
3.7.3	Homogeneity Test	34	
3.7.4	Hypothesis Testing	35	
CHAPTER IV RESULTS AND DISCUSSION			

4.1	Research result	39
4.1.1	Research Data Description	39
4.1.2	Normality Test	43
4.1.3	Homogeneity Test	44
4.1.4	Pretest Average Test (Two-tailed t test)	45
4.1.5	Pretest Average Equivalence Test (One party t test)	45

CHAPTER V CONCLUSION AND SUGGESTION

5.1	Conclusion	50	
5.2	Suggestion		51

REFERENCES

APPENDIX

52

55