TABLE OF CONTENTS

CH	IAF	TER I	INTRODUCTION	
1.1		Backg	round	1
1.2		Proble	m Identification	3
1.3		Proble	m Limitation	3
1.4		Proble	m Formulation	4
1.5		Object	rives of Research	4
1.6		Benefi	t of Research	4 5
1.7		Opera	tional Defenition	5
CH	IAF	TER I	I LITERATURE REVIEW	
2.1		Theori	tical Framewor	6
2.1	.1	Defen	ition of Learning	6
		2.1.2	Learning Model	8
			2.1.2.1 Guided Inquiry Learning Model	9
			2.1.2.2 Implementation Phases Guided Inquiry Learning Model	11
			2.1.2.3 Six Principle of Guided Inquiry	12
			2.1.2.4Advantages and Disadvantages of Guided Inquiry	12
			2.1.2.5 Benefit for Students, Teachers, Librarians, and Parent	s13
			2.1.2.6 The Theory and Research Basic for Guided Inquiry	15
		2.1.3	Direct Teaching Model	19
		2.1.4	Learning Outcomes	20
-			2.1.4.1 Conceptual Framework	21
		11	2.1.4.2 Research Hypothesis	22
CH	IAF	TER I	II RESEARCH METHODOLOGI	19
3.1		Resea	rch Location	23
3.2		Popula	ation and Sample of Research	23
		3.2.1	Population of Research	23
		3.2.2	Sample of Research	23
3.3		Resear	rch Variable	23
		3.3.1	Independent Variable	23

	3.3.2 Dependent Variable	23
3.4	Type and Research Design	23
	3.4.1 Type of Research	23
	3.4.2 Design of Research	24
3.5	Research Procedure	24
3.6	Research Instrument	27
	3.6.1 Cognitive Assessment	27
	3.6.2 Content Validity	28
	3.6.3 Reliable Test	28
3.7	Data Analysis Techniques	29
	3.7.1 N-Gain Test	29
	3.7.2 Determine The Average Value	29
	3.7.3 Determine Standard Deviation	28
	3.7.4 Normally Test	30
	3.7.5 Homogeneity Test	30
	3.7.6 The Similarity of Initial Ability Test (Two Tail t-Test)	31
	3.7.7 Hypothesis Test (One Tail t-Test)	33
CHAI	PTER IV	
4.1	Research Result	34
	4.1.1 The Description of Research Result	34
	4.1.2 Processing and Data Analysis of Pretest	34
	4.1.3 Processing and Data Analysis of Posttest	35
//	4.1.4 Analysis Data of Research	36
11	4.1.4.1 Normality	36
1111	4.1.4.2 Homogeneity Test	37
W.	4.1.4.3 Pretest Average Equality Test (Two Tail T-Test)	37
0	4.1.4.4 Hypothesis Testing Research (One Tail T-Test)	38
	4.1.4.5 Student Activity Assessment	39
	4.1.4.6 Analysis of N-Gain	39
4.2	Discussion	
	4.2.1 Student Learning Outcomes in Experiment Class	43

	4.2.2 Student Learning Outcomes of Control Class	44
	4.2.3 Assessment of Student Learning Activities	45
	4.2.4 Students Learning Outcomes After Treatment	47
СНА	PTER V	
5.1	Conclusions	49
5.2	Suggestion	50
REF	ERENCES	51
	SVIME	
	THE Contractor Build	ding

LIST OF TABLE

Table 2.1 Phases Guided Inquiry Learning Model	11
Table 2.2 The Six Principle of Guided Inquiry	12
Table 2.3 Benefits of Guided Inquiry	14
Table 2.4 Dewey's Reflective Thinking Phase	17
Table 2.5 Phase of Direct Teaching Learning Model	19
Table 3.1Design of Pretest and Posttest Research	24
Table 3.2 The Specification Learning Outcomes Test	27
Table 4.1 Data of Pretest in Experiment Class and Control Class	34
Table 4.2 Data of Posttest in Experiment Class	35
Table 4.3 Data of Posttest in Control Class	35
Table 4.4 Average Value, Standard Deviation, and Variance	36
Table 4.5 Normality Test Pretest and Posttest in Experiment and Control Class	37
Table 4.6 Test Homogeneity of Data Pretest and Posttest	37
Table 4.7 Summary Calculation Hypothesis Test Data Pretest	38
Table 4.8 Result of Hypothesis Test of Students Learning Outcomes Score	38
Table 4.9 The Learning Activity in Classroom Experiment	39
Table 4.10 Data level N-Gain	40
Table 4.11 Data level N-Gain	40



LIST OF FIGURE

Figure 2.1 Know What Learn (KWL)	10
Figure 3.1The Overview of Research Planning	26
Figure 3.11he Overview of Research Planning	26
	E3
THE OBOUNIVERSITY OF	rilding

LIST OF APPENDIX

Appendix 1 (Lesson Plan)	53
Appendix 2 (Students Worksheet)	78
Appendix 3 (Instrument Test)	88
Appendix 4 (Data of Pretest)	93
Appendix 5 (Data of Posttest)	99
Appendix 6 (Calculation Average, Standard Deviation, Variance)	105
Appendix 7 (Normality)	107
Appendix 8 (Homogeneity)	109
Appendix 9 (N-Gain)	111
Appendix 10 (Criteria Activity Students)	113
Appendix 11 (Table Activity Students)	114
Appendix 12 (Validity)	115
Appendix 13 (Item Discrimination)	117
Appendix 14 (Item Difficulty)	118
Appendix 15 (One Tail T-Test)	120
Appendix 16 (Two Tail T-Test)	122
Appendix 17 (List of Frequency Distribution)	124
Appendix 18 (Validator Instrument)	126
Appendix 19 (Documentation)	130

