

TABLE OF CONTENT

Approval Sheet	i
Biography	ii
Abstract	iii
Preface	iv
Table of Content	i
Figure List	viii
Table List	ix
Appendix List	x
CHAPTER I	
INTRODUCTION	
1.1 Background	1
1.2 Problem Identification	4
1.3 Problem Limitation	4
1.4 Problem Formulation	4
1.5 Purpose of Research	5
1.6 Research Benefit	5
CHAPTER II	
LITERATURE REVIEW	
2.1 Theoretical Framework	6
2.1.1 Learning	6
2.1.2 Learning Theory	7
2.2 Discovery Learning Model	7
2.2.1 Definition Discovery Learning	8
2.2.2 Concept Discovery Learning	9
2.2.3 Characteristic of Discovery Learning	10
2.2.4 Application Procedure Discovery Learning Model	10
2.3 Conventioanl Learning	12
2.3.1 Teaching Methods	13
2.3.2 Answer Question Method	13
2.3.3 Assesment Method	13
2.3.4 Material Center	14
2.4 Scoring	14
2.5 Learning Outcomes	15
2.5.1 Cognitive Domain	16
2.6 Learning Matter	19

2.6.1 Current	19
2.6.2 Potential Difference	20
2.6.3 Ohm's Law	20
2.6.4 Series Circuit	21
2.6.5 Kirchhoff's Law	24
2.6.6 Electric Power	25
2.7 Relevant Research	26
2.8 Conceptual Framework	27
2.9 Hypothesis	27
CHAPTER III	
RESEARCH METHOD	
3.1 Research Location	28
3.2 Population and Sample Research	28
3.2.1 Population of Research	28
3.2.2 Sample of Research	28
3.3 Research Variable	28
3.3.1 Independent Variable	28
3.3.2 Dependent Variable	28
3.4 Type and Research Design	28
3.4.1 Type of Research	28
3.4.2 Design of Research	29
3.5 Research Instrument	29
3.5.1 Instrument of Higher Order Thinking Skill Test	29
3.5.2 Validity Test	31
3.6 Research Procedure	32
3.7 Data Analysis Techniques	33
3.7.1 Average Mean	33
3.7.2 Standard Deviation	34
3.7.3 Normality Test	34
3.7.4 Homogeneity Test	35
3.7.5 Hypothesis Test	35
CHAPTER IV	
RESULT AND DISCUSSION	
4.1 Processing and Data Analyze	39
4.2 Testing and Data Analyse	41
4.2.1 Average Value and Standard Deviation	41
4.2.2 Normality Test Data	42

4.2.3 Homogeneity Test Data	42
4.3 Hypothesis Test	43
4.3.1 Hypothesis Test for Pre Test	43
4.3.2 Hypothesis Test for Post Test	44
4.4 Higher Order Thinking Skill	44
4.5 Discussion	46
CHAPTER V	
CONCLUSION AND SUGGESTION	
5.1 Conclusion	49
5.2 Suggestion	49
REFERENCES	50