

## CONTENTS

	Page
Legalization Paper	i
Biography	ii
Abstract	iii
Acknowledgment	iv
Contents	vi
Table List	ix
Figure List	x
Appendix List	xi
<b>CHAPTER I INTRODUCTION</b>	<b>1</b>
1.1 Background	1
1.2 Problem Identification	3
1.3 Limitation Problem	4
1.4 Problem Formulation	4
1.5 Research Goal	4
1.6 Benefits of Research	4
1.7 Operational Definition	5
<b>CHAPTER II LITERATURE REVIEW</b>	<b>7</b>
2.1 Literature of Study	7
2.1.1 Learning	7
2.1.2 Mathematics Learning	7
2.1.3 Learning Model	8
2.1.3.1 Definition of Learning Model	8
2.1.3.2 ASSURE Learning Model	9
2.1.3.3 Individual Learning	12
2.1.3.4 Learning in Group	13
2.1.4 Media	14

2.1.5 Learning Media	15
2.1.5.1 The Kinds of Learning Media	15
2.1.5.2 The Function of Learning Media	15
2.1.5.3 Benefits of Learning Media	16
2.1.5.4 The Selection Criteria of Media	17
2.1.6 Learning Outcome	18
2.1.7 Macromedia Flash	21
2.1.7.1 The Definition of Macromedia Flash	21
2.1.7.2 The Advantages and Disadvantages of Macromedia Flash	22
2.1.8 Subject Matter	24
2.1.8.1 Pythagorean Theorem	24
2.1.8.2 Pythagorean Theorem Proof	25
2.1.8.3 The Using of Pythagorean Theorem	26
2.2 Conceptual Framework	27
2.3 Research Hypothesis	28
<b>CHAPTER III RESEARCH METHODOLOGY</b>	<b>29</b>
3.1 Research Time and Location	29
3.2 Population and Sample	29
3.2.1 Population	29
3.2.2 Sample	29
3.3 Research Variable	29
3.3.1 Independent Variable	29
3.3.2 Dependent Variable	30
3.4 Design of Research	30
3.5 Research Procedure	31
3.6 Instrument of Data Collecting	33
3.7 Data Analysis Technique	35
3.7.1 Normality test	35
3.7.2 Homogeneity test	36
3.7.3 Hypothesis Testing	36

CHAPTER IV RESULT AND DISCUSSION	38
4.1 Description of data Research	38
4.1.1 Data pre-test of Experimental Class I and Experimental Class II	38
4.1.2 Data post-test of Experimental Class I and Experimental Class II	39
4.2 Analysis of Research Data	41
4.2.1 Normality test of data	41
4.2.2 Homogeneity Test	42
4.2.3 Testing the hypothesis	42
4.3 Classical Completeness of Learning	44
4.4 Discussion of Research Result	44
CHAPTER V CONCLUSION AND SUGGESTION	47
5.1. Conclusion	47
5.2. Suggestion	48
Reference	49
Appendix	51