CONTENTS LIST

Legalization Paper i
Biography ii
Abstract iii
Acknowledgement iv
Contents List vi
Figures List ix
Tables List x
Appendix List xi

CHAPTER I INTRODUCTION
1.1 Research Background 1
1.2 Problem Identification 5
1.3 Problem Limitation 5
1.4 Problem Statement 5
1.5 Research Objectives 6
1.6 Research Benefit 6
1.7 Operational Definition 6

CHAPTER II LITERATURE REVIEW
2.1 Theoretical Framework 8
2.1.1 The Nature of Learning Chemistry 8
2.1.2 Learning Strategies 9
2.1.3 Inquiry Learning Method 10
2.1.4 Guided Inquiry Learning 12
2.2 Direct Instruction Model 16
2.3 Learning Media 17
2.3.1 Macromedia Flash 21
2.4 Learning Assessment
2.5 Solubility and Solubility Product
2.5.1 The definition of solubility
2.5.1.1 Kinds of Solution based on Substances’ Solubility
2.5.1.2 Factors influencing a substances’ solubility
2.5.1.3 Molecular Consideration in explaining solubility
2.5.2 Solubility Product (Ksp)
2.5.3 Relationship Solubility and Solubility Product
2.5.4 The effect of type Ions to Substance’ Solubility
2.5.5 The Relationship of Ksp and Sedimentation
2.6 Application
2.7 Previous Research of Guided Inquiry and Macromedia Flash
2.8 Conceptual Framework
2.9 Research Hypothesis

CHAPTER III RESEARCH METHODOLOGY
3.1 Overview of Research
3.2 Research Location and objects
3.3 Population and Sample
3.4 Research Variables
3.5 Research Design
3.6 Research Instrument
3.6.1 Validity Test
3.6.2 The Reliability
3.6.3 The Difficulty Level
3.6.4 Different Index
3.7 Data Analysis technique
3.7.1 Normality Test
3.7.2 Homogeneity Test
3.7.3 Normalized gain
3.7.4 Hypothesis Testing
3.8 Percentage of Improve Learning Outcomes

CHAPTER IV RESULTS AND DISCUSSION
4.1 Result of Research
4.1.1 Analysis of Instrument data
4.1.2 Validity Test of Instrument
4.1.3 Reliability Test of Instrument
4.1.4 Difficulty level of instrument
4.1.5 Different Index of Instrument
4.2 Result of data Result
4.3 Data Analysis
4.3.1 The Normality Test of Data
4.3.2 The Homogeneity Test of Data
4.3.3 The Hypothesis Test of Data
4.3.4 The Percentage of Improved Learning Outcomes
4.4 Discussion

CHAPTER IV CONCLUSION AND SUGGESTION
5.1 Conclusion
5.2 Suggestion

REFERENCES