TABLE OF CONTENT

Ratification Latter  
i
Biography  

Abstract  

Preface  

Table of content  

Figure List  

Table List  

Appendix List  

CHAPTER I INTRODUCTION  

1.1. Research Background  

1.2. The Problem Identification  

1.3. The Problem Limitation  

1.4. The Problem Formulation  

1.5. Research Objective  

1.6. Research Benefit  

CHAPTER II LITERATURE REVIEW  

2.1. Theoretical Framework  

2.1.1. Definition of Learning  

2.1.1.1. Learning Process  

2.1.2. Learning Outcomes  

2.1.2.1 Definition of Learning outcomes  

2.1.2.2 Factor that affect learning outcomes  

2.1.3 Model of Inquiry training learning  

2.1.3.1 Inquiry training Learning  

2.1.3.2 Inquiry training design  

2.1.3.3 Syntax  

2.1.3.4 The Advantages and Disadvantages of Inquiry Learning Model  

2.1.4 Conventional Learning
2.1.4.1 The Advantages and Disadvantages of Conventional learning 13
2.1.5 Education Media 13
2.1.5.1 Understanding the Education Media 13
2.1.5.2 Function and Benefits of Learning Media 14
2.1.5.3 Principle of Media Use 15
2.1.6 Learning Material 15
2.1.6.1 Definition of Elasticity 15
2.1.6.2 Hooke’s Law 17
2.1.6.3 Hooke’s Law in Series and Parallel Circuit 18
2.1.6.4 Elasticity’s Application in Daily Life 19
2.2. Conceptual Framework 19
2.3. Research Hypothesis 20

CHAPTER III RESEARCH METHOD 21
3.1. Location and Time of Research 21
3.2. Population and sample of Research 21
3.3. Research Variable 21
3.3.1 Independent Variable 21
3.3.2 Dependent Variable 21
3.4. Type and Design of Research 21
3.4.1. Type of Research 21
3.4.2. Design of Research 22
3.5. Research Procedure 22
3.6. Research Instrument 23
3.6.1. Learning Outcomes 23
3.6.2 Instrument of student learning activity 24
3.6.3 Content Validity 26
3.7 Technique Data Analysis 26
3.7.1. Determine the average value 26
3.7.2. Determine standard deviation 26
3.7.3 Normality Test 27
3.7.4 Homogeneity Test 27
3.7.5 Hypothesis test 28
CHAPTER IV RESEARCH RESULTS AND DISCUSSION 31

4.1 Research Results 31

4.1.1 Pre-Test Data 31

4.1.1.1 Pre-test Score of Student in Experiment Class and Control Class 31

4.1.2 Data Analysis of Pre-Test 32

4.1.2.1 Normality Test of Pre-Test Data 32

4.1.2.2 Homogeneity Test of Pre-Test Data 34

4.1.2.3 Hypothesis Test of Pre-Test Data 34

4.1.3 Post-test Value of Student in Experiment Class and Control Class 35

4.1.3.1 Data Analysis in Post-Test 35

4.1.3.2 Normality Test of Post-Test Data 36

4.1.3.3 Homogeneity Test of Post-Test Data 37

4.1.3.4 Hypothesis Test of Post-Test Data 37

4.1.4 Question Category Value in Experiment Class and Control Class 37

4.1.5 Observation 38

4.2 Research Findings 39

4.3 Discussion 40

CHAPTER V CONCLUSION AND SUGGESTION 43

5.1 Conclusion 43

5.2 Suggestion 43

REFERENCES 44