

CONTENTS

	Page
SHEET OF LEGITIMATION	i
DECLARATION	ii
ABSTRACT	iii
PREFACE	iv
ACKNOWLEDGEMENT	v
CONTENTS	vii
LIST OF TABLES	ix
LIST OF FIGURES	xi
LIST OF APPENDICES	xii
CHAPTER I INTRODUCTION	1
A. Background	1
B. Research Problem	3
C. Research Question	3
D. Limitations of Problem	4
E. Research Objective	4
F. Research Benefit	5
CHAPTER II FLAP POSTER, STUDENTS' CREATIVITY, STUDENTS' UNDERSTANDING, AND HUMAN RESPIRATORY SYSTEM	6
A. Flap Poster	6
B. Students' Creativity	8
C. Students' Understanding	13
D. Human Respiratory System	16
E. Relevant Research	23

CHAPTER III RESEARCH METHODOLOGY	25
A. Research Method and Research Design	25
B. Population and Sample	26
C. Assumption	26
D. Hypothesis	27
E. Operational Definition	27
F. Research Instrument	27
G. Research Procedure	33
H. Instrument Analysis Result	36
I. Data Processing	37
CHAPTER IV RESULT AND DISCUSSION	43
A. Procedure of Creating Flap Poster	44
B. Students' Creativity in Creating Flap Poster	46
C. Students' Understanding in Learning Human Respiratory System	73
D. Relationship of Students' Creativity and Understanding	83
E. Profile of Students' Response towards Implementation of Flap Poster	86
CHAPTER V CONCLUSIONS AND RECOMMENDATIONS	91
F. Conclusion	91
G. Recommendation	92
REFERENCES	93
APENDICES	97
AUTOBIOGRAPHY	179

LIST OF TABLES

	Page
Table 2.1 Structure of Cognitive Process Dimension in the Revised Bloom Taxonomy.....	15
Table 3.1 Research design: Matching Pretest and Posttest Comparison Group (Nonequivalent Group)	25
Table 3.2 Blueprint of Students' Creativity Rubric	28
Table 3.3 Interpretation of Validity	30
Table 3.4 Reliability Interpretation	31
Table 3.5 Difficulty index	32
Table 3.6 Blueprint of Students' Impression Questionnaire	33
Table 3.7 Recapitulation of test Item for students' Understanding	36
Table 3.8 Criteria of Normalized Gain Value	39
Table 3.9 Interpretation of Correlation Coefficient.....	41
Table 3.10 Percentage Interpretation	41
Table 3.11 Scoring guideline of students' Response	42
Table 4.1 Profile of students' Creativity between Experiment Class and Control Class	47
Table 4.2 Original Criteria	50
Table 4.3 Surprising Criteria	52
Table 4.4 Germinal Criteria	54
Table 4.5 Valuable Criteria	56
Table 4.6 Logic Criteria	58
Table 4.7 Useful Criteria	60
Table 4.8 Organist Criteria	63
Table 4.9 Elegant Criteria	65
Table 4.10 Complex Criteria	66
Table 4.11 Understandable Criteria	68
Table 4.12 Artistic Criteria	70

Table 4.13 Objective Test (Pretest and posttest) Item Specification and Recapitulation	73
Table 4.14 Matching the Result of Pretest and Posttest Score in Each Concept	75
Table 4.15 Matching the Result of Pretest and Posttest Score in Experiment Class and Control Class	79
Table 4.16 Results of Statistic analysis on Students' Understanding	81
Table 4.17 Matching the Average of Posttest Score of Each Group	84
Table 4.18 Correlation of Students' Creativity and Understanding.....	85
Table 4.19 Profile of Students' Response towards Implementation of flap Poster	87

LIST OF FIGURES

	Page
Figure 2.1 Flap Poser	7
Figure 2.2 Three Component of Creativity	9
Figure 2.3 Revision of Bloom's Taxonomy	14
Figure 2.4 Schematic of The Respiratory System Displayed by The Upper and Lower Respiratory Tract Region	18
Figure 2.5 Inspiration and Expiration	20
Figure 4.1 Graphic of Novelty Creativity Dimension of Experiment Class and Control Class	49
Figure 4.2 Graphic of Resolution Creativity Dimension of Experiment Class and Control Class	56
Figure 4.3 Graphic of Elaboration and Synthesis Creativity Dimension of Experiment Class and Control Class	62
Figure 4.4 Graphic of Students' Understanding Result of experiment Class and Control Class	77
Figure 4.5 Graphic of Students' Understanding Regarding Cognitive Domain between Experiment Class and Control Class	78
Figure 4.6 Comparison of Average Questionnaire Score between Experiment and Control Class	88
Figure 4.7 Comparison of Percentage between Experiment and Control Class	90

LIST OF APPENDICES

	Page
A. INSTRUCTIONAL TOOLS	97
Appendix A.1 Lesson Plan	98
Appendix A.2 Student's Worksheet	102
Appendix A.3 Flap Poster Guidance	103
Appendix A.4 Power Point Slide	109
 B. RESEARCH INSTRUMENT	 116
Appendix B.1 Rubric of Creativity	117
Appendix B.2 Instrument Test Before Validation	120
Appendix B.3 Instrument Test After Validation	134
Appendix B.4 Questionnaire of Students' Impression	144
 C. RESULT OF RESEARCH DATA	 146
Appendix C.1 Data Processing of Students' Creativity Result	147
Appendix C.2 Data Processing of Students' Understanding Result	149
Appendix C.3 Data Processing of Students' Impression Result	156
Appendix C.4 Data of Validation Result	162
 D. DOCUMENTATION	 175
Appendix D.1 Documentation	176