

TABLE OF CONTENTS

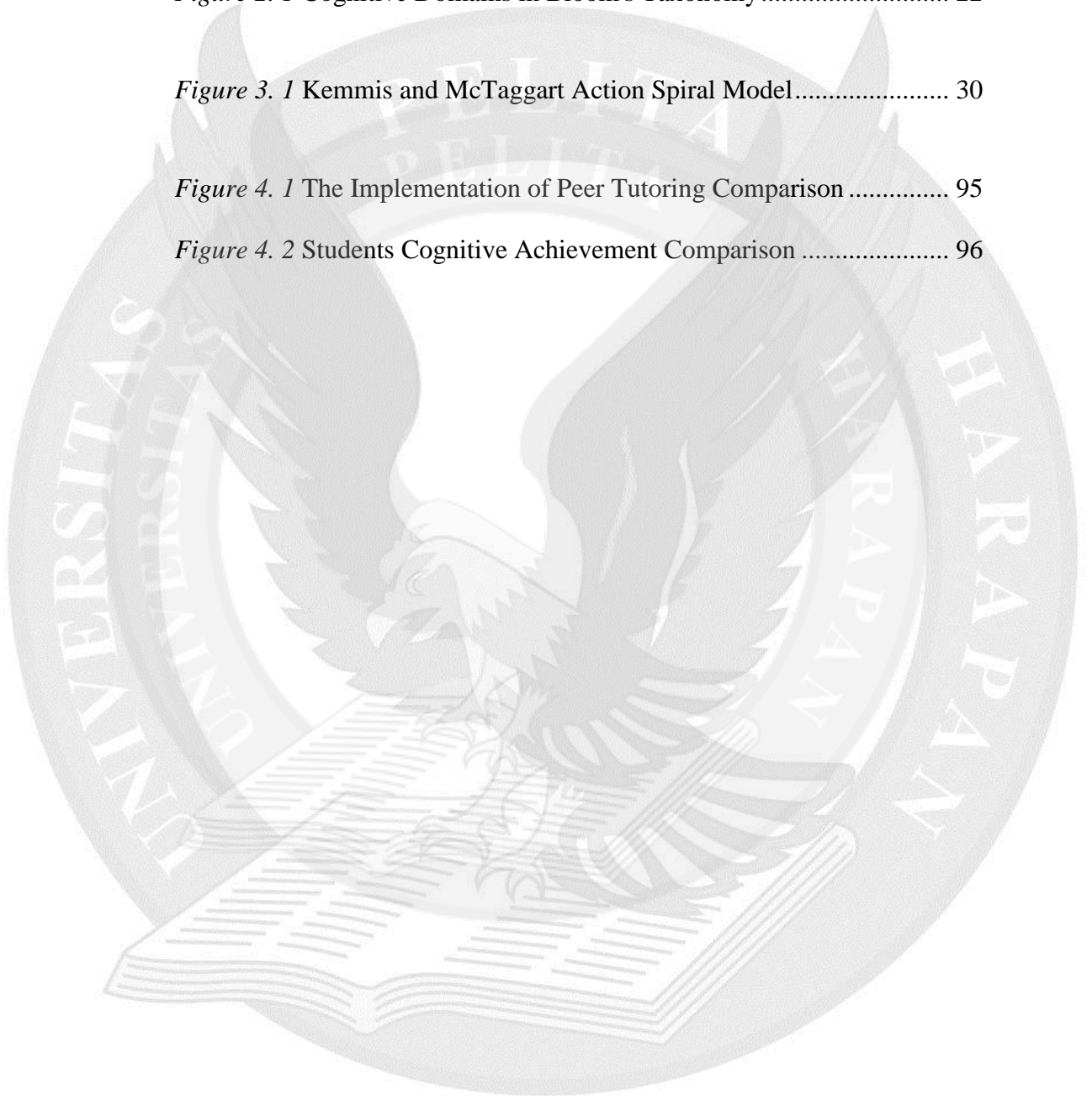
	page
COVER	
FINAL PROJECT AUTHENTICITY STATEMENT	
FINAL PROJECT SUPERVISOR'S APPROVAL FORM	
FINAL PROJECT EXAMINER PANEL'S APPROVAL FORM	
ABSTRACT	v
FOREWORD	vii
TABLE OF CONTENTS	xii
LIST OF FIGURES	xv
LIST OF TABLES	xvi
LIST OF APPENDICES	xviii
CHAPTER I INTRODUCTION	1
1.1 Background.....	1
1.2 Statement of the Problems.....	4
1.3 Purposes of the Study	4
1.4 Benefits of the Study	4
1.5 Definition of Terms	5
1.5.1 Peer Tutoring	5
1.5.2 Students' Cognitive Achievement	5
CHAPTER II LITERATURE REVIEW	7
2.1 Peer Tutoring	7
2.1.1 Definition of Peer Tutoring.....	7
2.1.2 The Importance of Peer Tutoring.....	9

2.1.3 The Implementation of Peer Tutoring.....	12
2.1.4 Christian Perspective of Peer Tutoring	16
2.2 Students' Cognitive Achievement.....	17
2.2.1 Definition of Students' Cognitive Achievement.....	17
2.3.2 The Influencing Factors	19
2.3.3 Cognitive Development of Grade 2 Students	20
2.3.4 The Indicators	21
2.3.5 Christian Perspective of Students' Cognitive Achievement....	22
2.3 Topic of Mathematics.....	23
2.4 Connections Between Peer Tutoring and Students' Cognitive Achievement	25
CHAPTER III RESEARCH METHODOLOGY	28
3.1 Research Method.....	28
3.2 Research Subject, Setting, and Time	28
3.3 Research Procedure	29
3.3.1 Pre-Cycle.....	30
3.3.2 Cycles.....	31
3.4 Research Instruments.....	34
3.4.1 Feedback Sheet	34
3.4.2 Checklist Sheet.....	35
3.4.3 Students' Written Test Sheets.....	36
3.4.4 Rubric.....	37
3.4.5 Reflective Journal	39
3.5 Data Validation and Triangulation	40

3.6 Data Analysis.....	44
CHAPTER IV ANALYSIS AND DISCUSSION	48
4.1 Pre-Cycle	48
4.2 Cycle 1.....	49
4.2.1 Planning	49
4.2.2 Action.....	50
4.2.3 Observation	52
4.2.4 Cycle 1 Discussion.....	67
4.2.5 Reflection.....	68
4.3 Cycle 2.....	69
4.3.1 Planning	70
4.3.2 Action.....	71
4.3.3 Observation	73
4.3.4 Cycle 2 Discussion.....	88
4.3.5 Reflection.....	89
4.4 Overall Analysis and Discussion.....	90
CHAPTER V CONCLUSION AND RECOMMENDATION.....	99
5.1 Conclusion.....	99
5.2 Recommendation.....	100
REFERENCES.....	102
APPENDICES	A-1

LIST OF FIGURES

	page
<i>Figure 2. 1</i> Cognitive Domains in Bloom's Taxonomy.....	22
<i>Figure 3. 1</i> Kemmis and McTaggart Action Spiral Model.....	30
<i>Figure 4. 1</i> The Implementation of Peer Tutoring Comparison	95
<i>Figure 4. 2</i> Students Cognitive Achievement Comparison	96



LIST OF TABLES

	page
Table 3. 1 Blueprint of The Checklist.....	36
Table 3. 2 Blueprint of The Test.....	37
Table 3. 3 Blue Print of The Rubric.....	39
Table 3. 4 Peer Tutoring Measured Variable.....	42
Table 3. 5 Students' Cognitive Achievement Measured Variable.....	43
Table 3. 6 Data Coding.....	45
Table 3. 7 Successful Research Indicator.....	46
Table 3. 8 Score Interpretation Criteria.....	47
Table 4. 1 Students' Cognitive Achievement Overall Result in Cycle 1.....	53
Table 4. 2 CA-1 Result in Cycle 1.....	54
Table 4. 3 CA-2 Result in Cycle 1.....	54
Table 4. 4 CA-3 Result in Cycle 1.....	55
Table 4. 5 Overall Students' Cognitive Achievement Observation Result.....	56
Table 4. 6 Tutor Reflection Checklist Result in Cycle 1.....	63
Table 4. 7 Tutee Reflection Checklist Result in Cycle 1.....	64
Table 4. 8 Overall Peer Tutoring Steps Measured Result in Cycle 1.....	66
Table 4. 9 Students' Cognitive Achievement Overall Result in Cycle 2.....	74
Table 4. 10 CA-1 Result in Cycle 1.....	74
Table 4. 11 CA-2 Result in Cycle 2.....	75
Table 4. 12 CA-3 Result in Cycle 3.....	76
Table 4. 13 Overall Students' Cognitive Achievement Observation Result.....	76

Table 4. 14 Tutor Reflection Checklist Result in Cycle 2	83
Table 4. 15 Tutee Reflection Checklist Result in Cycle 2	84
Table 4. 16 Overall Peer Tutoring Indicators Measured in Cycle 2	87
Table 4. 17 Students' Test Result Comparisons	97



LIST OF APPENDICES

	page
Appendix A: Data Validation	A-1
A 1 Validated by Mentor Teacher.....	A-1
A2: Validated by The Researcher’s Supervisor.....	A-8
A3: Validated by Grade 2 Homeroom Teacher	A-15
Appendix B: Rubric	B-1
B1: Rubric Cycle 1.....	B-1
B2: Rubric Cycle 2.....	B-2
Appendix C: Test	C-1
C1: Test (Cycle 1).....	C-1
C2: Test (Cycle 1) Samples	C-2
C3: Test (Cycle 2).....	C-10
C4: Test (Cycle 2) Samples	C-11
Appendix D: Students’ Reflection Checklist.....	D-1
D1: Tutor’s Checklist Sample (Cycle 1).....	D-1
D2: Tutee’s Reflection Checklist Sample (Cycle 1).....	D-2
D3: Tutor’s Reflection Checklist Sample (Cycle 2).....	D-3
Appendix E: Observation Checklist.....	E-1
E1: Observation Checklist Sheet	E-1
E2: Mentor Teacher’s Observation Checklist (Cycle 1).....	E-2
E3: Grade 2 Teacher’s Observation Checklist (Cycle 1).....	E-3
E4: Mentor Teacher’s Observation Checklist (Cycle 2).....	E-4

E5: Grade 2 Teacher’s Observation Checklist (Cycle 2).....	E-5
Appendix F: Mentor’s Feedback.....	F-1
F1: Mentor’s Feedback (Cycle 1)	F-1
F2: Mentor’s Feedback (Cycle 2)	F-2
Appendix G: Reflective Journal.....	G-1
G1: Reflective Journal (Cycle 1)	G-1
G2: Reflective Journal (Cycle 2)	G-5
Appendix H: Lesson Plan	H-1
H1: Lesson Plan (Cycle 1)	H-1
H2: Lesson Plan (Cycle 2)	H-4
Appendix I: Peer Tutoring Modules	I-1
I1: Peer Tutoring Module (Cycle 1).....	I-1
I2: Peer Tutoring Module (Cycle 2).....	I-3
Appendix J: Achievement Data	J-1
J1: Students’ Achievement in Pre-Cycle	J-1
J2: Students’ Achievement in Cycle 1	J-2
J3: Students’ Achievement in Cycle 2	J-3
Appendix K: Checklist Result	K-1
K1: Mentor Teacher’s Checklist Result (Cycle 1).....	K-1
K2: Grade 2 Teacher’s Checklist Result (Cycle 1).....	K-2
K3: Mentor Teacher’s Checklist Result (Cycle 2).....	K-3
K4: Grade 2 Teacher’s Checklist Result (Cycle 2).....	K-4