

TABLE OF CONTENT

COVER	i
ADVISOR’S APPROVAL SHEET	ii
BOARD OF THESIS EXAMINERS’ APPROVAL SHEET	iii
DECLARATION OF AUTHORSHIP	iv
MOTTO	v
DEDICATION SHEET	vi
ACKNOWLEDGEMENT	vii
ABSTRACT	viii
ABSTRAK	ix
TABLE OF CONTENT	x
LIST OF TABLES	xii
LIST OF PICTURES	xiii
LIST OF APPENDIXES	xiv
CHAPTER I INTRODUCTION	1
A. Background of Research	1
B. Research Problem	8
C. Research Questions	8
D. Research Purposes	8
E. Significance of The Research	9
F. Scope and Limitation of The Research	10
G. Operational Definition of Key Terms	10
CHAPTER II REVIEW OF RELATED LITERATURE	12
A. Children at Golden Age	12
B. Characteristics of Children at Golden Age	14
C. English Vocabulary	15
D. English Vocabulary for Young Learners	15
E. Sudoku Game Learning Media	17
F. The Use of Sudoku to Learn Vocabulary	19
G. Previous Studies	21
H. Theoretical Framework	26

CHAPTER III RESEARCH AND DEVELOPMENT METHOD	28
A. Research and Development Design	28
B. Research Setting	32
C. Research Subject	32
D. Research and Development Procedure.....	32
E. Data & Data Source	37
F. Data Collection Technique	37
G. Data Analysis Technique	40
CHAPTER IV RESEARCH AND DEVELOPMENT RESULT	42
A. Process of Developing Product	42
B. Data Analysis	81
C. Revision of The Product.....	99
D. Specification of The Final Product	104
CHAPTER V DISCUSSION, CONCLUSION, AND SUGGESTION	107
A. Discussion of The Revised Product	107
B. Conclusion	109
C. Suggestion.....	110
REFERENCES.....	112
APPENDIXES	115
CURRICULUM VITAE OF THE RESEARCHER.....	154

LIST OF TABLES

Table 3.1 Criteria Score of Expert Questionnaire	41
Table 4.1 Teacher’s Mastery and Understanding about English	52
Table 4.2 Learning Media in Teaching Process	52
Table 4.3 Media specifically in teaching English	53
Table 4.4 Media Needs for Teaching English	54
Table 4.5 English Flashcards or Puzzles	55
Table 4.6 English Topic that Interest Student	56
Table 4.7 Topics That Must Exist in The Creation of Media	57
Table 4.8 The Knowledge About English for Parents	58
Table 4.9 Increasing Vocab for Parents	59
Table 4.10 Teaching English to Child for Parents.....	60
Table 4.11 Media to Teach English for Child.....	61
Table 4.12 Children's Interest in English	62
Table 4.13 Children’s Knowledge in English Vocabulary	63
Table 4.14 Children and Sudoku Game	64
Table 4.15 Flash Cards or Puzzle	64
Table 4.16 Children’s Favorite Topic	65
Table 4.17 Vocabulary for Sudoku Flash Cards	75
Table 4.18 Blueprint Design Stationery Sudoku.....	77
Table 4.19 Blueprint Design Body Parts Sudoku.....	77
Table 4.20 The First Result of Material Expert Validation	83
Table 4.21 The Second Result of Material Expert Validation	86
Table 4.22 The Result of Media Expert Validation	88
Table 4.23 The Result of Field Evaluation (Material)	91
Table 4.24 The Result of Field Evaluation (Media).....	92
Table 4.25 The Result of Teacher Response Questionnaire	97
Table 4.26 The First Revision of Sudoku Flash Cards.....	101

LIST OF PICTURES

Picture 3.1 Model of Reeves Research and Development Diagram	29
Picture 4.1 Yellow Board for Sudoku.....	74
Picture 4.2 Magnet Sheet	75
Picture 4.3 Iron Coin.....	75
Picture 4.4 Stationery Sudoku Front Page Design.....	77
Picture 4.5 Stationery Sudoku Back Page Design	77
Picture 4.6 Body Parts Sudoku Front Page Design.....	77
Picture 4.7 Body Parts Sudoku Back Page Design	77
Picture 4.8 Flash Cards of Sudoku Design.....	78
Picture 4.9 Sudoku Flash Card Folder	79
Picture 4.10 First Revision Body Parts Sudoku Front Page.....	101
Picture 4.11 First Revision Body Parts Sudoku Back Page	101
Picture 4.12 First Revision Stationery Sudoku Front Page.....	102
Picture 4.13 First Revision Stationery Sudoku Back Page	102
Picture 4.14 First Revision of Flash Cards 1.....	102
Picture 4.15 First Revision of Flash Cards 2.....	102
Picture 4.16 First Revision of Flash Cards 3.....	103
Picture 4.17 First Revision of Flash Cards 4.....	103

LIST OF APPENDIXES

Appendix 01 Permit Letter of Research.....	115
Appendix 02 Permit Letter of Research Response	116
Appendix 03 Interview Guide.....	117
Appendix 04 Interview Transcript	119
Appendix 05 Lesson Plan	121
Appendix 06 Observation Field Note Day 1.....	127
Appendix 07 Observation Field Note Day 2.....	129
Appendix 08 Observation Field Note Day 3.....	131
Appendix 09 Validation Sheet Answer from Material Expert	133
Appendix 10 Validation Sheet Answer from Material Expert (Revised).....	136
Appendix 11 Validation Sheet Answer from Media Expert.....	139
Appendix 12 Validation Sheet Answer of Field Evaluation.....	141
Appendix 13 Questionnaire answer about Teacher’s Response.....	146
Appendix 14 The Complete Product of Sudoku Flash Cards	150
Appendix 15 Observation of Product Testing.....	151