

## **CONTENTS**

	<b>Page</b>
ACKNOWLEDGEMENTS.....	iv
ABSTRACT.....	vi
LIST OF TABLES.....	xii
LIST OF FIGURE.....	xiii
Chapter	
1. INTRODUCTION.....	1
Rationale and Significance of the Problem.....	1
Objectives of the Thesis.....	7
Hypothesis of the Study .....	8
Scope of the Study.....	8
Definitions of Terms.....	9
Expected outcome of the Study.....	10
2. REVIEW OF LITERATURE.....	11
Theoretical Background of critical thinking.....	11
Learning Approaches.....	38

<b>3. RESEARCH AND METHODOLOGY.....</b>	<b>49</b>
Subjects.....	50
The critical thinking syllabus package.....	50
Lesson plan details.....	56
Lesson plan adjustment.....	75
Data Collection.....	85
Data Analysis.....	90
<b>4. DATA ANALYSIS AND RESULTS.....</b>	<b>91</b>
Result of the lesson plan evaluation forms.....	92
Result of students' performance assessment.....	95
Development of students' critical thinking skills.....	94
<b>5. CONCLUSION AND DISCUSSION.....</b>	<b>101</b>
Conclusions of the Study.....	101
Discussion of Results.....	102
Recommendations.....	121
Bibliography.....	127
Appendices.....	135
Appendix A: Needs Analysis Interviews.....	136
Appendix B: Results of Needs Analysis.....	140
Appendix C: The Protosyllabus.....	143

<b>3. RESEARCH AND METHODOLOGY.....</b>	<b>49</b>
Subjects.....	50
The critical thinking syllabus package.....	50
Lesson plan details.....	56
Lesson plan adjustment.....	75
Data Collection.....	85
Data Analysis.....	90
<b>4. DATA ANALYSIS AND RESULTS.....</b>	<b>91</b>
Result of the lesson plan evaluation forms.....	92
Result of students' performance assessment.....	95
Development of students' critical thinking skills.....	94
<b>5. CONCLUSION AND DISCUSSION.....</b>	<b>101</b>
Conclusions of the Study.....	101
Discussion of Results.....	102
Recommendations.....	121
Bibliography.....	127
Appendices.....	135
Appendix A: Needs Analysis Interviews.....	136
Appendix B: Results of Needs Analysis.....	140
Appendix C: The Protosyllabus.....	143

Appendix D: Lesson Plans.....	147
Appendix E: The Pretest and Posttest.....	205
Appendix F: SPSS results of Pretest and Posttest.....	209
Appendix G: Lesson Plan Evaluation Form (in English and in Thai).....	211
Appendix H: List of Experts that Evaluated the Lesson Plans .....	216
Appendix I: Teacher Made 'Big Book' (Small version)..	218

## **LIST OF TABLES**

<b>Table</b>	<b>Page</b>
1. Details of the lesson plans.....	55
2. Levels of mean score to show the quality of lesson plans.....	83
1. Details of the pretest and posttest questions.....	85
2. Result of the teacher evaluation forms.....	88
3. Performance assessment of critical thinking ability of each student during the syllabus implementation.....	91
4. Comparison of pretest and posttest results.....	95

## LIST OF FIGURES

Figure	Page
1. Achievement of all the students in each critical thinking skill...94	