

TABLE OF CONTENTS

	Page
ABSTRAK	i
ABSTRACT	ii
ACKNOWLEDGMENT	iii
TABLE OF CONTENTS	v
LIST OF TABLES	vii
LIST OF FIGURES	viii
LIST OF APPENDICES	ix
CHAPTER I INTRODUCTION	1
1.1. The Background of Study	1
1.2. The Problems Identification	6
1.3. The Problems Limitation	6
1.4. The Research Questions	7
1.5. The Objectives of Research	8
1.6. The Research Significance	8
CHAPTER II LITERATURE REVIEW	10
2.1. Theoretical Framework	10
2.1.1. Constructivism	10
2.1.2. Concept Mastery	12
2.1.3. Scientific Attitude	15
2.1.4. Creative Thinking Skills	17
2.1.5. Project Based Learning	19
2.1.5.1. Prinsip of Project Based Learning	22
2.1.5.3. Syntax of Project Based Learning	24
2.1.5.4. Advantage and Disadvantage of Project Based Learning	26
2.1.6. Cooperative Learning Group Investigation	28
2.1.7. Conventional Learning	30
2.2. Relevant Studies	33
2.3. Conceptual Framework	35
2.4. Hypotheses	39
CHAPTER III RESEARCH METHOD	41
3.1. Time and Location	41
3.2. Population and Sample	41
3.2.1. Population	41
3.2.2. Sample	41

3.3. Variables	44
3.4. Research Design	42
3.5. Operational Defenition	42
3.6. Research instrument	44
3.7. Research Procedure	47
3.8. Control of Treatment	54
3.9. Instrument Validity	55
3.10. Technique of Analyzing Data	59
CHAPTER IV RESULT AND DISCUSSION	60
4.1. Result	60
4.2. Discussion	81
4.3. Research Limitation	95
CHAPTER V CONCLUSIONS, IMPLICATIONS, AND SUGGESTIONS	96
5.1. Conclusions	96
5.2. Implications	97
5.3. Suggestions	97
REFERENCES	99
APPENDICES	105

THE
Character Building
 UNIVERSITY