

TABLE OF CONTENTS

DECLARATION.....	ii
PREFACE	iii
ACKNOWLEDGMENTS	iv
ABSTRACT	vi
TABLE OF CONTENT	vii
LIST OF TABLES	ix
LIST OF FIGURES	x
CHAPTER I: INTRODUCTION	1
1.1 Background	1
1.2 Problem Statements	3
1.3 Research Objectives	4
1.4 Research Significant	4
1.5 Systematic Writing Research	5
CHAPTER II: LITERATURE REVIEW	6
2.1 Learning Cycle	6
2.2 Learning Media	9
2.2.1 Kinds of Learning Media	11
2.2.2 The Benefit of Learning Media	13
2.2.3 Things to be Aware in Selection Media	14
2.3 Teaching Materials	13
2.3.1 The Types of Teaching Materials	14
2.3.2 Module as Teaching Materials	15
2.3.2.1 Definition of Module	15

2.3.2.2 The Objective of Module	17
2.3.2.2 Components of Module	18
2.3.3 Modular System Learning	22
2.3.3.1 Zambak Modular System	22
2.3.4 Briefly Concept Materials of Physical and Chemical Changes and the Evidence of Chemical Reaction	23
2.3.4.1 Physical Changes	23
2.3.4.2 Chemical Changes	23
2.3.4.3 Understanding Chemical Changes	24
CHAPTER III: RESEARCH METHODOLOGY	28
3.1 Location of Research	28
3.2 Design of Research	28
3.3 Operational Definition	29
3.4 Stages of Research	30
3.5 Research Design	34
CHAPTER IV: RESULT AND DISCUSSION	35
4.1 The Characteristic of Module	35
4.1.1 The Components Module of Zambak Modular System	35
4.1.2 Writing Structure Module of Zambak Modular System	50
4.1.3 The Merits of Zambak Modular System	56
4.2 The Content Material of Zambak Modular System	59
4.2.1 Content Organization in Zambak Modular System	61
4.3 The Implementation of Zambak Modular System	68
4.3.1 Learning Cycle in Implementation of Zambak Modular System ...	71

4.4 The Factors that Influence of Zambak Modular System.....	85
4.5 General Discussion.....	92
CHAPTER V: CONCLUSION	96
5.1 Conclusion	96
5.2 Recommendations	97
REFERENCES	98
APPENDICES	101

