

LIST OF CONTENT

	Pages
Ratification Sheet	<i>i</i>
Abstract	<i>ii</i>
Acknowledgment	<i>iii</i>
List of Content	<i>v</i>
List of Figure	<i>viii</i>
List of Table	<i>ix</i>
List of Appendix	<i>x</i>
 CHAPTER I INTRODUCTION	
1.1 Research Background.....	1
1.2 Problem Identification	7
1.3 Scope of Research.....	7
1.4 Problem Formulation	8
1.5 Research Objective.....	8
1.6 Significant Research	9
1.7 Operational Definition.....	9
 CHAPTER II LITERATURE REVIEW	
2.1 Research And Development (R&D).....	10
2.1.1 Characteristic Of Research And Development (R&D)	10
2.1.2 Main Component Of Research And Development (R& D)	11
2.1.3 Step In Research And Development (R&D).....	12
2.1.3.1 Sugiono Model.....	12
2.1.3.2 Addie Model	13
2.1.3.3 Borg And Gall Models	14
2.2 Learning Theory	15
2.3 Learning Process	15
2.4 Learning Outcomes	16

2.5	Learning Model.....	16
2.6	Inquiry Model	17
2.6.1	Advantage of Inquiry Model	17
2.6.2	Inquiry Level Models	18
2.6.3	Guide Inquiry	18
2.6.4	Guide Inquiry Laboratory.....	19
2.6.5	Syntax of Guide Inquiry Model.....	19
2.7	Science Process	20
2.7.1	Process Skill in Science Process Skill	21
2.7.2	The Advantage of Science Process Skill	23
2.8	Implementation of Activites Laboratory in High School.....	23
2.9	Scientific Approach	24
2.9.1	Principles of Scientific Learning Approach / Scientific.....	25
2.9.2	The Objectives of Scientific Approach	26
2.10	Practical Guidance	26
2.11	Standard of Practical Handbook Based On BSNP.....	27
2.12	Relevant Research	29
2.13	Conceptual Framework	30
2.14	Hypotheses.....	31

CHAPTER III RESEARCH METHOD

3.1	Type of Research	32
3.2	Location and Time Research.....	32
3.3	Population and Sample Research	32
3.4	Research Procedure.....	33
3.5	Research Instrument.	36
3.5.1	Questionnaires of Practicum Guidance	36
3.5.2	Instrument Test	37
3.5.3	Instrument of science Process skill.....	37
3.6	Research Validation	38
3.7	Technique of Data Analysis	39

3.7.1	Normality Test	39
3.7.2	Homogeneity Test.....	39
3.7.3	Hypothesis Testing.....	39
3.7.4	Successful of Teaching Material Towards Students Achievement	40
3.7.5	The Percentage of Effectiveness Learning Achievement.....	40

CHAPTER IV RESULT AND DISCUSSION

4.1	General Discussion of Research	41
4.2	Analysis of Practicum Guidance In Existing of The School.....	42
4.3	Development Of Chemistry Practicum Guidance	43
4.4	Standardization Of Innovative Practicum Guidance.....	48
4.4.1	Aspect Of Feasibility Of Content	48
4.4.2	Aspect Of Feasibility Of Language.....	49
4.4.3	Aspect Feasibility Of Presentation	50
4.4.4	Aspect Feasibility Of Graphing	51
4.5	Implementation of Innovative Practicum Guidance Towards Students Achievement	52
4.5.1	Normality Test	53
4.5.2	Homogeneity Test	54
4.5.3	Hypothesis Test	55
4.6	Implementation of Innovative Practicum Guidance	56
4.7	Evaluation the Effectiveness Of Innovative Practicum Guidance	56
4.8	Discussion	58
4.9	Rresearch Limitation.....	60

CHAPTER V CONCLUSION AND SUGGESTION

5.1	Conclusion	62
5.2	Suggestion	63
REFERENCES		64
APPENDIX		68