

## LIST OF APPENDIX

Appendix 1 Lesson Plan .....	75
Appendix 2 Student Worksheet .....	105
Appendix 3 Problem Solving Ability Test.....	118
Appendix 4 Answer key and Score Guideline for Problem Solving Ability Test Instrument.....	120
Appendix 5 Problem Solving Ability Test Instrument Grid .....	134
Appendix 6 Scoring Guidelines for problem solving instrument test .....	135
Appendix 7 Format of Student Preliminary Questionnaire Sheet.....	136
Appendix 8 Recapitulation of Questionnaire Student.....	139
Appendix 9 Data Analysis of Questionnaire Student .....	141
Appendix 10 Syllabus .....	142
Appendix 11 Data Of Teacher Activity Observation Sheet.....	145
Appendix 12 Data Analysis Of Teacher Activity Observation Sheet.....	151
Appendix 13 Learning Journal.....	155
Appendix 14 Result Of Learning Journal By Student .....	156
Appendix 15 Result Of Learning Journal Data Meeting I Experiment Class.....	158
Appendix 16 Result Of Learning Journal Data Meeting II Experiment Class ...	159
Appendix 17 Data Analysis of Group Activities by Student Worksheet.....	160
Appendix 18 Student Answer Sheet Of Problem Solving Ability Instrument Test.....	163
Appendix 19 Result Data Of Pre-Test and Post Test.....	174
Appendix 20 Result Data Of Normality Test.....	181
Appendix 21 Result Data Of Homogeneity Test .....	187
Appendix 22 Result Data Of Hypothesis Test .....	189
Appendix 23 Result Of N-Gain Test.....	193
Appendix 24 Table of Critical Values Test Liliefors.....	196
Appendix 25 List of Percentile Values for the F Distribution .....	197
Appendix 26 Table of Percentage Values for Distribution t.....	199
Appendix 27 Result Of Students Responses Of Learning Activities.....	200
Appendix 28 Faculty Research Permit.....	202
Appendix 29 Research Response Letter .....	203
Appendix 30 Documentation .....	204