LIST OF APPENDIX

Appendix 1. Learning Implementation Plan (First Meeting).....90

Appendix 2. Student Activity Sheet LAS-I.....98

Appendix 3. Learning Implementation Plan (Second Meeting)……..103

Appendix 4. Student Activity Sheet LAS-II……110

Appendix 5. Pretest Mathematical Communication Ability ……...114

Appendix 6. Alternative Completion Of Mathematical Communication Ability Pretest ……115

Appendix 7. Posttest Mathematical Communication Ability ……118

Appendix 8. Alternative Completion Of Posttest Mathematical Communication Ability ……119

Appendix 9. Instrumen Pretest/Posttest Grid of Student's Mathematical Communication Ability……..123

Appendix 10. Diagnostic Test……..124

Appendix 11. Alternative Diagnostic Test Answers……126

Appendix 12. Guidelines for Scoring Students' Communication Ability Tests……128

Appendix 13. Diagnostic Test Grid…….....129

Appendix 14. Mathematical Communication Ability Test Results…….....130

Appendix 15. Pretest Validity of Mathematical Communication Ability.....132

Appendix 16. Pretest Reliability Mathematical Communication Ability……136

Appendix 17. Results of Tests of Validity and Reliability of The Instrument Question Pretest Mathematical Communication Ability Using SPSS…….138

Appendix 18. Posttest Validity of Mathematical Communication Ability …….139

Appendix 19. Posttest Reliability Mathematical Communication Ability ……..143

Appendix 20. Results of Tests of Validity and Reliability of The Instrument Question Posttest Mathematical Communication Ability Using SPSS…….145

Appendix 21. Table of Difficulty Levels of Pretest Questions……146

Appendix 22. Calculation of the results of the Pretest Difficulty Level…..……147

Appendix 23. Table of Difficulty Level of Posttest Questions……149

Appendix 24. Calculation of the results of the Posttest Difficulty Level ..…....150

Appendix 25. Table of Calculation Results of Discriminating Power of Pretest Questions …….152

Appendix 26. Table of Calculation Results of Discriminating Power of Posttest Questions …….153

Appendix 27. Pretest Values of Class 7-4 Mathematical Communication Ability (Experiment Class)…….....154

Appendix 28. Posttest Values of Class 7-4 Mathematical Communication Ability (Experiment Class)…….....155

Appendix 29. List of Pretest – Posttest Class Experimental Values……156

Appendix 30. Pretest Values of Class 7-5 Mathematical Communication Ability (Control Class)…….....157

Appendix 31. Posttest Values of Class 7-5 Mathematical Communication Ability (Control Class)…….....158

Appendix 32. List of Pretest – Posttest Control Class Values…….159

Appendix 33. Posttest Results of Class Mathematical Communication Ability Experiments Across Indicators……160

Appendix 34. Posttest Results of Class Mathematical Communication Ability Control Across Indicators……163

Appendix 35. Test the Normality of the Experimental Class Pretest Value Data using the output Kolmogorov-Smirnov SPSS 25.0……..166

Appendix 36. Test the Normality of the Class Control Pretest Value Data using the output Kolmogorov-Smirnov SPSS 25.0……167

Appendix 37. Test the Normality of the Experimental Class Posttest Value Data using the output Kolmogorov-Smirnov SPSS 25.0……..168

Appendix 38. Test the Normality of the Class Control Posttest Value Data using the output Kolmogorov-Smirnov SPSS 25.0……169

Appendix 39. Pretest and Posttest Homogeneity Test Results Mathematical Communication Ability SPSS 25.0……..170

Appendix 40. One-Way Anava Test Results Mathematical Communication Ability Using SPSS 25.0……..174

Appendix 41. F Distribution Table for Probability = 0.05……...175

Appendix 42. Table of Value of r Product Moment …….....178

Appendix 43. Validation Sheet from Validator …….....179

Appendix 44. Observation Permit …….....215

Appendix 45. Validation Permit …….....216

Appendix 46. Research Permit …….....217

Appendix 47. Research Reply Letter…….....218

Appendix 48. Documentation …….....219