

LIST OF APPENDICES

	<i>Page</i>
Appendix 1. Chemistry Courses Syllabus	75
Appendix 2. Lesson Plan	79
Appendix 3. Analysis of Learning Media Development by Interview with Chemistry Teacher.....	86
Appendix 4. Analysis of Learning Media Development by Google Form	89
Appendix 5. Android-Based Interactive Learning Media on Reaction Rate Materials	95
Appendix 6. Test Instrument Grid Before Validation	98
Appendix 7. Test Instrument Grid After Validation.....	101
Appendix 8. Instrument Test/Learning Material Validation by Validator	103
Appendix 9. Student Learning Outcomes Test Instruments After Validation.....	125
Appendix 10. Key Answer of Instrument Test After Validation.....	132
Appendix 11. Learning Media Assessment Results Based on Android Integrated BSNP	133
Appendix 12. Instrument Validity Test	141
Appendix 13. Reliability Test	144
Appendix 14. Difficulty Level Test.....	145
Appendix 15. Distinguishing Power Test	148
Appendix 16. Conclusion of Instrument Test Analysis	151
Appendix 17. Table of Students Learning Outcomes	153
Appendix 18. Normality Test Calculation	154
Appendix 19. Homogeneity Test Calculation.....	156
Appendix 20. Hypothesis Test.....	159
Appendix 21. Table of r-Product Moment.....	160
Appendix 22. Table of Critical Values for Chi Square Distribution	161
Appendix 23. Table of t-Distribution Values (t-table).....	162
Appendix 24. Research Documentation	163
Appendix 25. Statement Letter of Test Instrument Validation.....	165
Appendix 26. Statement Letter of Media Validation.....	167

Appendix 27. License to Conduct Observation 169
Appendix 28. License of Instrument Validation..... 170
Appendix 29. License to Conduct Research from Universitas Negeri Medan 171
Appendix 30. License to Conduct Research from North Sumatra Provincial Government. 172
Appendix 31. Letter Reply to Have Conducted Research 173



THE
Character Building
UNIVERSITY