

LIST OF APPENDIX

	<i>Page</i>
Appendix 1 Teacher Interview	72
Appendix 2 Learning Objective Flow (ATP)	75
Appendix 3 Question Grid	76
Appendix 4 Test Validation Sheet	104
Appendix 5 Instrument Three-Tier Multiple-Choice Diagnostic Test (After Validation)	144
Appendix 6 Instrument Answer Key (After Validation)	161
Appendix 7 Expert Validator Assessment	162
Appendix 8 Scoring Guidelines	164
Appendix 9 Test Instrument Validity Calculation	165
Appendix 10 Instrument Validity Table	166
Appendix 11 Test Instrument Difficulty Calculation	167
Appendix 12 Difculty Test Table	168
Appendix 13 Test Instrument Distinguishing Power Calculation	169
Appendix 14 Distinguishing Power Table.....	170
Appendix 15 Distractor Test Table.....	171
Appendix 17 Test Reliability Table.....	174
Appendix 18 Interpretation of Student Misconceptions Results.....	175
Appendix 19 Calculation of Percentage of Student Misconceptions	178
Appendix 21 Table of r-Product Moment Values	180
Appendix 22 Research Letters	181
Appendix 23 Research Documentation.....	188