

## LIST OF APPENDIX

	Page
Appendix 1 Lesson Plan (Experiment Class)	53
Appendix 2 Lesson Plan (Control Class)	64
Appendix 3 Lattice Questions About Hydrocarbon Topic	72
Appendix 4 Lattice of Instrument	73
Appendix 5 Researchch Instrument	89
Appendix 6 Questions Answer	99
Appendix 7 Instrument for Pretest and Postest	100
Appendix 8 Calculation of Test Validity	106
Appendix 9 Calculation of Reability Test	109
Appendix 10 Calculation of Difficulty Index	111
Appendix 11 Calculation of Discrimination Index	113
Appendix 12 Data of Pre-Test and Post-Test	115
Appendix 13 Calculation of Normality Test	117
Appendix 14 Calculation og Homogeneity Test	120
Appendix 15 Calculation of Hypothesis testing	122
Appendix 16 Calculation of Normalized Gain	124
Appendix 17 Gain of Cognitive Domain	126
Appendix 18 Value of Chi Squere ( $\chi^2$ )	127
Appendix 19 Value of R Product Moment	128
Appendix 20 The List of Value in t-distribution	129
Appendix 21 List of Percentile Value for Distribution F	130
Appendix 22 Documentation	131