

## LIST OF ATTACHMENT

Attachment 1	Recapitulation of Student Questionnaire Results .....	69
Attachment 2	Teacher Teaching Interview Results .....	71
Attachment 3	Silabus .....	73
Attachment 4	Lesson Plan (RPP-1) .....	75
Attachment 5	Teaching Materials-1 .....	84
Attachment 6	Student Worksheet (LKPD-1) .....	89
Attachment 7	Lesson Plan-2 .....	94
Attachment 8	Teaching Materials-2 .....	102
Attachment 9	Student Worksheet (LKPD-2) .....	106
Attachment 10	Rubric Assessment of Science Process Skills for First Meeting .....	111
Attachment 11	Rubric Assessment of Science Process Skills for Second Meeting .....	118
Attachment 12	Assessment Sheet of Science Process Skills .....	126
Attachment 13	Learning Outcomes Grid Test .....	128
Attachment 14	Learning Outcomes Test .....	138
Attachment 15	Pretest Recapitulation of Experimental Class Learning Outcomes .....	143
Attachment 16	Pretest Recapitulation of Control Class Learning Outcomes	145
Attachment 17	Recapitulation of Science Process Skills for Experiment Class Students First Meeting .....	147
Attachment 18	Recapitulation of Science Process Skills for Control Class Students First Meeting.....	149
Attachment 19	Posttest Recapitulation of Experimental Class Learning Outcomes .....	151
Attachment 20	Pottest Recapitulation of Control Class Learning Outcomes.	153
Attachment 21	Recapitulation of Science Process Skills for Experiment Class Students Second Meeting .....	155

Attachment 22	Recapitulation of Science Process Skills for Control Class Students Second Meeting .....	157
Attachment 23	Calculation of Average, Variance and Standard Deviation of Learning Outcomes .....	159
Attachment 24	Calculation of Average, Variance and Standard Deviation of Science Process Skills .....	161
Attachment 25	Normality Test .....	163
Attachment 26	Homogeneity Test .....	167
Attachment 27	Hypothesis Test .....	172
Attachment 28	List of Critical Values for the Lilliefors Test .....	180
Attachment 29	Table of Areas Under the Normal Curve 0 to z .....	181
Attachment 30	List of Percentile Values for the F Distribution .....	182
Attachment 31	List of Percentile Values for the t Distribution .....	184
Attachment 32	Algodoo Simulation .....	185
Attachment 33	Research Documentation .....	188
Attachment 34	Validation of Research Instruments .....	194
Attachment 35	Approval of The Thesis Supervisor .....	203
Attachment 36	Research Permit from the Faculty .....	204
Attachment 37	Research Permit from the Education Department .....	205
Attachment 38	Research Certificate from SMA Negeri 5 Medan .....	206

