

LIST OF TABLES

Table 2.1 Definition of STEM Literacy	13
Table 2.2 Critical Thinking Indicators	19
Tabel 2.3 Relevant Research.....	27
Table 3.1 Population of Class VIII Students of SMP Negeri 37 Medan	30
Table 3.2 Research Design.....	32
Table 3.3 Test Grid	34
Table 3.4 Assessment Criteria.....	34
Table 3.5 Classification of Coefficient of Validity	35
Table 3.6 Classification of Coefficient of Reliability	35
Table 3.7 Difficulty Level Classification.....	36
Table 3.8 Different Power Category Test	37
Table 3.9 Interpretation of Effect Sizes	37
Table 3.10 Pretest and Posttest Data on Critical Thinking Skills	38
Table 3.11 Normality Test of Critical Thinking Skills	38
Table 3.12 Normality Test of Critical Thinking Skills	43
Table 4.1 Pretest and Posttest Data on Critical Thinking Skills	44
Table 4.2 Normality Test of Critical Thinking Skills	45
Table 4.3 Homogeneity Test of Critical Thinking Skills.....	46
Table 4.4 Summary of the Pretest Hypothesis Test of Critical Thinking Skills	46
Table 4.5 Summary of the Posttest Hypothesis Test of Critical Thinking Skills	47
Table 4.6 The Effect Size Test Results Use the Cohen's d Formula.....	48