

LIST OF TABLES

Table 2.1	Module Development Steps	21
Table 2.2	Comparison of Module Learning with Traditional Learning.....	22
Table 2.3	Definition of STEM Literacy	28
Table 2.4	Specific Heat of Substance	39
Table 2.5	Previous Research	51
Table 3.1	E-Module Design	59
Table 3.2	E-Module Quality Validity Grid By Material Expert	63
Table 3.3	E-Module Quality Validity Grid By Media Expert	64
Table 3.4	Category Scoring Validity E-Module	66
Table 3.5	E-Module Validity Percentage Criteria.....	66
Table 3.6	E-Module Practicality Scoring Category	67
Table 3.7	Practicality Classification Scale.....	67
Table 3.8	The Criteria for the Effectiveness of the Subject Matter are based on the Posttest Results Based on the Level of Achievement.....	68
Table 3.9	Gain Value Classification	69
Table 4.1	Results of the E-Module Design	76
Table 4.2	Material Expert Validation Results.....	81
Table 4.3	Result of revision by material expert	82
Table 4.4	Media Expert Validation Results	83
Table 4.5	Result of revision by media expert	84
Table 4.6	Practicality Test Results in Small Groups.....	85
Table 4.7	Practicality Test Results in Large Groups.....	86
Table 4.8	The results of the teacher's response	88
Table 4.9	N-gain result.....	88