

LIST OF TABLES

	Page
Table 2.1 Combination of self-efficacy with environment as a predictor of behaviour	36
Table 3.1 Number of student population class XI IA SMAN 2 Balige at A.Y. 2014/2015	62
Table 3.2 Number of dorm student's population class XI IA at A.Y. 2014/2015	63
Table 3.3 Number of non dorm student's population class XI IA at A.Y. 2014/2015	63
Table 3.4 The differences of modules	64
Table 3.5 Design of research	65
Table 3.6 Percentage of interactive media implementation	69
Table 3.7 Percentage of student's skill in using computer	70
Table 3.8 Score of small group validation	74
Table 3.9 Score of medium group validation	74
Table 3.10 Score of large group validation	75
Table 3.11 Research procedures for different modules implementation	78
Table 3.12 Method of data collection	84
Table 3.13 Instrument of cognitive test developed	85
Table 3.14 Test number and sources	86
Table 3.15 Lattice of self efficacy questionnaire	87
Table 3.16 Lattice of learning autonomy questionnaire	88
Table 3.17 Lattice of learning activity questionnaire	89
Table 3.18 Memory retention instrument test used	90
Table 3.19 Lattice of student's study time questionnaire	91
Table 3.20 Lattice of student's response questionnaire	92
Table 3.21 Lattice of module validation for content expert	93
Table 3.22 Lattice of module validation for media expert	94
Table 3.23 List of research instrument validators	95
Table 3.24 Interpretation of reliability score	96
Table 3.25 Criteria of item difficulty for multiple choices question	97

Table 3.26	Criteria of item difficulty for essay question	97
Table 3.27	Criteria of item discriminant for multiple choices question	98
Table 3.28	Criteria of item discriminant for essay question	99
Table 3.29	Percentage ranges and qualitative criteria	105
Table 3.30	Interpretation of student's response score	106
Table 3.31	Interpretation of memory retention score	107
Table 3.32	Scoring procedures for questionnaires	107
Table 3.33	Interpretation of learning autonomy, activity, time score	108
Table 3.34	Interpretation of self efficacy score	108
Table 4.1	Learning topic and sub topic of digestive system	111
Table 4.2	Module assessment result by ten teachers	117
Table 4.3	Experts' assessment result	120
Table 4.4	Students' assessment result	122
Table 4.5	Students' learning response	123
Table 4.6	Standardization of research instruments	124
Table 4.7	Reliability value	124
Table 4.8	Mean of learning achievement, retention, autonomy and activity	125
Table 4.9	Normality test of pretest, posttest, retention data in digestive system topic	126
Table 4.10	Homogeneity test of pretest, posttest, retention data in digestive system topic	126
Table 4.11	Students' pretest score	127
Table 4.12	Post Hoc of learning modules, self efficacy and dormitory program	133
Table 4.13	Post Hoc of learning modules, self efficacy and dormitory program interactions	135
Table 4.14	Effect of students' learning achievement, activity, autonomy and retention interaction	136
Table 4.15	Dorm students' activities	150