

LIST OF TABLE

		<i>Page</i>
Table 2.1.	Aspect of Module Development.....	11
Table 2.2.	Definition of STEM Literacy	12
Table 2.3.	Learning outcomes in cell biology course	15
Table 3.1.	The questionnaire grids for STEM Material Expert.....	19
Table 3.2.	The questionnaire grids for design expert	19
Table 3.3.	The questionnaire grids for layout expert.....	19
Table 3.4.	The questionnaire grid for Cellular Biology lecture course	20
Table 3.5.	The questionnaire instrument grids for student's responses	21
Table 3.6.	Scientific attitude questionnaire grid.....	21
Table 3.7.	Rubrik of Indicator the HOTS Question	22
Table 3.8.	Validity test Level	23
Table 3.9.	Realibility test Level.....	23
Table 3.10.	Likert Scale and Qualification Criteria for	29
Table 3.11.	Percentage of Feasibility Validation and Student Response	30
Table 3.12.	N-gain Test Assessment Criteria	30
Table 3.13.	Research Schedule.....	32
Table 4.1	Component of STEM-Based Cell Biology Module	34
Table 4.2	Describe of Part of Module	35
Table 4.3	Recapitulation Result of Validation	36
Table 4.4	Recomendation for Revision of Module	37
Table 4.5	Student Responses to STEM-Based Cell Biology Module	38
Table 4.6	The results of critical thinking skills test.....	39
Table 4.7	The results of questionnaire scientific attitude.....	40