

LIST OF TABLES

		Pages
Table 2.1	The list of competencies and indicators in <i>Kurikulum 2013</i> and Cambridge International Examination syllabuses for IGCSE 2 / X grade students in ecology and environmental management subject	35
Table 3.1	Research instrument's framework of content validation sheet from content expert to the develop learning material for the ecology and environmental management topic based on integrated curriculum and scientific literacy for IGCSE 2 / X grade students	49
Table 3.2	Research instrument's framework of design validation sheet from design expert to the develop learning material for the ecology and environmental management topic based on integrated curriculum and scientific literacy for IGCSE 2 / X grade students	50
Table 3.3	Research instrument's framework of validation sheet from senior high school biology teacher to the develop learning material for the ecology and environmental management topic based on integrated curriculum and scientific literacy for IGCSE 2 / X grade students	51
Table 3.4	Research instrument's framework of validation sheet from students' responses to the develop learning material for the ecology and environmental management topic based on integrated curriculum and scientific literacy for IGCSE 2 / X grade students	52
Table 3.5	Response criteria of validation instrument by using Likert scale	53
Table 3.6	Criteria for the percentage of scientific literacy indicators to the develop learning material for the ecology and environmental management topic based on integrated curriculum and scientific literacy for IGCSE 2 / X grade students	54
Table 3.7	The sample used in quasi experiment procedure to the developed learning material for the ecology and environmental management topic based on integrated curriculum and scientific literacy for IGCSE 2 / X grade students	56
Table 3.8	The control and experiment classes used in quasi experiment procedure to the developed learning material	57

for the ecology and environmental management topic based on integrated curriculum and scientific literacy for IGCSE 2 / X grade students

Table 3.9	The cognitive domain of test instrument used in quasi experiment procedure to the developed learning material for the ecology and environmental management topic based on integrated curriculum and scientific literacy for IGCSE 2 / X grade students	60
Table 4.1	Feasibility Components of Learning Materials on Ecology and Environmental Topic Based on Integration Curriculum and Scientific Literacy for IGCSE 2 / X Grade Students by Content Expert	75
Table 4.2	Suggestions and advices from content experts for the feasibility of product	77
Table 4.3	Feasibility Components of Design / Presentation on Ecology and Environmental Topic Based on Integration Curriculum and Scientific Literacy for IGCSE 2 / X Grade Students by Instructional Design Expert	78
Table 4.4	Suggestions and advices from instructional design experts for the feasibility of product	80
Table 4.5	Feasibility Components of Learning Materials Design on Ecology and Environmental Topic Based on Integration Curriculum and Scientific Literacy for IGCSE 2 / X Grade Students by Graphic Design Expert	81
Table 4.6	Suggestions and advices from graphic design experts for the feasibility of product	82
Table 4.7	List of the biology teacher's name (master field of study) for respondent assessment worksheet	83
Table 4.8	Biology Teacher's Response for Learning Materials on Ecology and Environmental Topics Based on Integration Curriculum and Scientific Literacy for IGCSE 2 / X Grade Students	84
Table 4.9	Students' Response of Individual Testing for Learning Materials on Ecology and Environmental Topics Based on Integration Curriculum and Scientific Literacy for IGCSE 2 / X Grade Students	86
Table 4.10	Students' Response of Small Group Testing for Learning Materials on Ecology and Environmental Topics Based on Integration Curriculum and Scientific Literacy for IGCSE 2	87

Table 4.11	/ X Grade Students Students' Response of Large Group Testing for Learning Materials on Ecology and Environmental Topics Based on Integration Curriculum and Scientific Literacy for IGCSE 2 / X Grade Students	88
Table 4.12	Revision from content expert Drs. Puji Prastowo, M.Si.	91
Table 4.13	Revision from content expert Dr. Miswar Budi Mulya, M.Si.	92
Table 4.14	Revision from content expert Dr. Anggi Tias Pratama, M.Pd.	93
Table 4.15	Revision from design expert Dr. R. Mursid, M.Pd.	94
Table 4.16	Revision from design expert Prof. Dr. Muhammad Badiran, M.Pd.	95
Table 4.17	Revision from design expert Dr. Ridwan Abdullah Sani, M.Si.	96
Table 4.18	Students' Learning Outcomes on Ecology and Environmental Topics Based on Integration Curriculum and Scientific Literacy for IGCSE 2 / X Grade Students	99
Table 4.19	The increasing of Scientific Literacy Skill of IGCSE 2 / Grade X Students on Ecology and Environmental Topics	100