

LIST OF TABLE

Table 2.1 Syntax of Guided Inquiry	16
Table 2.2 Syntax of POGIL	19
Table 2.3 Syntax of Direct Instruction	20
Table 2.4 Differences Real Solution, Colloidal Systems, and Suspension	25
Table 2.5 Types of Colloids	25
Table 3.1 The Description Of Population And Samples	31
Table 3.2 The design of research the implementation of POGIL strategy	32
Table 3.3 Instrument Specification	38
Table 4.1 Description of POGIL Strategy with Worksheet Media Based on Lesson Study in Colloidal System	43
Table 4.2 Description of Class that Used as Sample	34
Table 4.3 Table of Data Pretest and Posttest	47
Table 4.4 Students' Interest by Observation Sheet	48
Table 4.5 Students' Interest by Questionnaire	49
Table 4.6 The Data of Normality Test	50
Table 4.7 The Data of Homogeneity Test	50
Table 4.8 Data of Students' Achievement in Pretest	51
Table 4.9 The Gain Data	54
Table 4.10 The Hypothesis I Testing Result	62
Table 4.11 The Hypothesis II Testing Result	62
Table 4.12 The Correlation Between Students' Achievement and Students' Interest	63