

LIST OF TABLES

	Pages
Table 2.1 Stages of Problem Based Learning	16
Table 2.2 Phases of Team Games Tournament	19
Table 2.3 Stages of PBL Model Integrated with TGT	20
Table 2.4 Properties of metals and non metals	21
Table 2.5 Law of Oktaf Newlands	23
Table 2.6 Preparation of elements $Z \leq 20$ in the modern periodic System and its electron configuration	29
Table 3.1 The Specification of Test Instrument	40
Table 3.2 The Specification of Observation Sheet Teamwork Character	40
Table 3.3 Research Design	43
Table 4.1 Description of Sample Research	52
Table 4.2 Validation Sheet	54
Table 4.3 Summary of The Instrument Test	55
Table 4.4 Data of Pretest	56
Table 4.5 Normality Test of Pretest	57
Table 4.6 Homogeneity Test of Pretest	58
Table 4.7 Data of Posttest	59
Table 4.8 Normality Test of Posttest	59
Table 4.9 Homogeneity Test of Posttest	60
Table 4.10 Normality Test of Gain	61
Table 4.11 Homogeneity Test of Gain	61
Table 4.12 Independent Sample Test Hyphotesis	63
Table 4.13 The Summary of Student's Character	64
Table 4.14 Normality Test of Student's Teamwork Character	65
Table 4.15 Homogeneity Test of Student's Teamwork Character	65
Table 4.16 Independent Sample Test Hyphotesis	66