

### List of Table

	Page
Table 2.1. Comparison of teacher-centered and student-centered	10
Table 2.2. Syntax for cooperative learning	11
Table 2.3. Calculation Games Point for Three Players	14
Table 3.1. Research Design Two Group (Pre-Test and Post-Test)	31
Table 3.2. Specification of test physics Learning Outcomes	32
Table 3.3. Manual observation of Student's affective in control class	32
Table 3.4. Manual observation of Student's affective in experimental class	33
Table 3.5. Manual observation of Student's psychomotor in control class	33
Table 3.6. Manual observation of Student's psychomotor in exp class	34
Table 3.7. Manual observation of Student's activity in control class	34
Table 3.8 Manual observation of Student's activity in experimental class	35
Table 3.9. Assessment Criteria of Student's activity	35
Table 4.1. Data Result in Control and experimental class	44
Table 4.2. Pre-test Data Normality Test of Experimental and Control Class	45
Table 4.3. Posttest Data Normality Test of Experimental and Control Class	45
Table 4.4. Homogeneity Test Result of Pre-test Data	46
Table 4.5. Homogeneity Test Result of post-test Data	46
Table 4.6. Data of Hypothesis test (t-test two tailed)	47
Table 4.7. Data of Hypothesis test (t-test one tailed)	47
Table 4.8. Student cognitive, affective, psychomotor, and student's activity	50