ABSTRACT

According to observation and interview with Biology Study Program Teacher at SMPN 1 Klampis Bangkalan, there found several problems in learning process. Some of them were students’ achievement (daily test under expected rate) with 72.5 point, while minimum completeness criteria was 70. Statement of problems in this research was: whether TAI model cooperative learning application could increase the study activity and achievement in students of grade VIII-B SMPN 1 Klampis Bangkalan?. This observation aims to describe the student’s activities and student’s achievement of grade VIII-B SMPN 1 Klampis Bangkalan.

The research kind was classroom action, while approach used was qualitative. The research was done in July 26th until August 16th 2010 using two cycle and six time meetings. Students’ learning activity analyzed in descriptive way from observation using: % students’ activity = (the amount of descriptor showed up:the amount of students) x 100%, while students’ achievement and study completeness according to minimum study completeness stated by school (70).

The research showed increasing of average students’ activity, that was 66.25 in cycle I and 77.35 in cycle II. Students’ achievement also increased, from the average post-test grade which also increased each cycle. Average cycle I post-test was 75.31 while in cycle II was 81.40. Classical completeness also increased from 84% in cycle I into 96% in cycle II. According to the research, there could be concluded that TAI (Team Assisted Individualization) cooperative learning model could increase biology study activity and achievement in students of grade VIII-B SMPN 1 Klampis Bangkalan.