

**THE IMPLEMENTATION OF INQUIRY ORIENTED INTERACTIVE
DEMONSTRATION TO IMPROVE STUDENTS' LEARNING OUTCOME AND
ACTIVITY ON BIOLOGY TOPIC OF YEAR 7 SMP NEGERI 1 TEBING TINGGI
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ABSTRACT

The research is aimed to improve students' learning outcome and activities in class through the implementation of inquiry oriented interactive demonstration on the environmental management topic of year 7-6 SMP Negeri 1 Tebing Tinggi academic year 2011/2012. The research was designed as a classroom action research (CAR) consisted of three cycles. The research subject were all students year VII/6 totally 25 students. Multiple choice tests and observation sheets were used to measure the effectiveness of the teaching method. The result showed that the percentage of students' learning outcome by implementing the inquiry oriented interactive demonstration increased from cycle I to cycle III that is 12% at cycle I, 48% at cycle II, and 88% at cycle III. The students' activities increased by 24% at cycle I, 56% at cycle II, and 88% at cycle III. Whereas the increase of each activities aspect namely: (1) Students Asked questions increased to 53.5% (2) Students Answered teacher's questions increased to 81.3% (3) Students gave opinion increased to 64% (4) Students presented the result of discussion increased to 89.3% (5) Students Done assignment increased to 56% (6) Team work increased to 96%. Thus, the implementation of inquiry oriented interactive demonstration by classroom action research (CAR) can improve students' outcomes and activities.

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