MENINGKATKAN KEMAMPUAN KOGNITIF PELAJARAN BIOLOGI PESERTA DIDIK KELAS X-5 SMA LABORATORIUM UNIVERSITAS NEGERI MALANG MELALUI STRATEGI PEMBELAJARAN KOOPERATIF TIPE NUMBERED HEADS TOGETHER

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ABSTRAC
According to the observation result and interview with the biology teacher in SMA Laboratorium UM, there are some information that students' outcome in X-5 class SMA Laboratorium UM in cognitive aspect do not fill Minimum Standart Completeness (SKM) yet, in which SKM grade in SMA Laboratorium UM is 75. Actually, learning process of biology study was good enough, but in the group learning can be found some students less active to finish their assignment group. Only one or more student was activing in their work group, so some students got less understanding with their lesson learning, consequently their grades not fill in SKM. To solve the problem, is needed learning strategy that able to make all of student active in group discuss activity. the learning are implemented in this observation is cooperative learning with model Numbered Heads Together (NHT).
The aim of this observation is to increase the students outcome of X-5 class in the cognitive aspect in SMA Laboratorium UM by Cooperative learning with Numbered Head together model (NHT). The type of This observation is action class observation (PTK) consist of two cycle. The observation have done at 20 of May until 10 June 2009 in SMA Laboratorium UM. The Object of observation are 38 students of X-5 class SMA Laboratorium UM. Collecting data method is used observation form and the result of test in every the end of cycle. The data was analyzed by using study completeness. The completeness of every student is depend on the school SKM, there is ≥ 75.
The result of this research shows that in cycle I, the students who is done as individually are 11 students with classical completeness is 29 % (not completeness) with average grades are 72,63. In cycle II , when giving improvement learning, Students is done as individually increasing to be 29 students with classical completeness 76 % (complete/done) in average grade is 76,63. Besides, The students' intelegence ability for the low level model test is better than the high level test. Based on the result of observation, show that the implementation of cooperative learning with Numbered Heads Together, increase cognitive ability in biology study for Students of X-5 class in SMA Laboratorium UM.