

The Application of CLIS Model (Children Learning in Science) To Improve Student's Learning Outcome and Learning Activity in Biology For XI Science Student's SMA Negeri 1 Tebing Tinggi Academic Year 2011/2012

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ABSTRACT

This research is purposed to know the application of CLIS Model (*Children Learning in Science*) to improve Student's learning Outcome and learning activity in Biology For XI Science Student's SMA Negeri 1 Tebing Tinggi Academic Year 2011/2012. Children's Learning in Science (*CLIS*) model in UK (United Kingdom) which includes the 5 phases of constructivist approach. This research was classroom action research. The classroom action research was designed in four cycles and each cycle consists of four steps. There was Planning, action, observation and reflection.

The total numbers of samples are 30 students. And 30 items of multiple choice test and observation sheet were used. In every cycle the research gave the cognitive test and observed the student in class activity. In cycle I, got the data of completeness 26.6% in learning outcome and 20.56 in student activity. In cycle II, result completeness of learning outcome into 56.66% and 40.56% in student activity. At the last in cycle III all the parameter that measured is increase into 83.3% in completeness of learning outcome and 62.04% in student activity.

Key words : CLIS Model (*Children Learning in Science*), Learning in Science