

Identification of Student's Critical Thinking Skills Using Dominoes Card for Study About Ecosystem Based on Curriculum 2013

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ABSTRACT

This research was conducted based on the background of student's learning conditions in biology tends to be passive and the development of critical thinking skills students often escape the attention of the teacher. This research head to identify the critical thinking skills of students after participating in learning by using dominoes card for study about Ecosystem Based on Curriculum 2013. Population and sample in this research is the high school students in grade X SMAN Jatinangor by the number of class X-8 as many as 30 students. Research methods used in this research is an experimental method with the design of One-Shot Case Study. The instrument used was a test of critical thinking skills in the form of questions about the objective amounted 15 questions which customized with critical thinking skills indicators and indicators of learning as well as student activity observation sheet during the learning activities of students amounted 14 questions including into the aspects and indicators of critical thinking skills. The results of this research show the ability of students when answer the questions of critical thinking for study about Ecosystem on the matter has met the indicator critical thinking skills are developed with an average value is 3.12. Then the six of indicators critical thinking developed, each met with average percentage indicator for focuses question is 82.7%, an indicator to analyze the arguments is 75.0%, an indicator ask and answer challenging questions is 83.3%, an indicator defines the term, consider a definition is 74.9%, an indicator interact with others is 83.3% and an indicator to decide a course of action which gets on average the lowest percentage is 63.3%. This is possible because the student has not mastered the game of dominoes pattern overall. The conclusion of this research is the fulfillment of the six indicators of critical thinking skills are developed and dominoes card can optimize student's critical thinking skills.

Keywords: Domino Cards, Curriculum Based on 2013, Critical Thinking Skills