

Identification Of Student's Understanding Of The Concept Using Animation Media For Study About Environmental Pollution Based On Curriculum 2013

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ABSTRACT

This research aim to identify the understanding of the student concept after participating in learning by using animation media for study of environmental pollution based on curriculum 2013. Population and sample in this research is the high school students in grade X SMAN Jatiningor 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- grup pretest-postest. The instrument used was a test understanding of the concept in the form of questions about the objective amounted 15 questions which customized with understanding developed indicators and indicators of learning which given before and after learning by using animation media. The results of this research show the students's ability to answer the questions for study about environmental pollution has met the indicators of understanding developed with the average percentage indicator for the ability to classify objects according to certain properties in accordance with the concept is 74.6%, the indicator gives examples and non-examples of the concept is 93.3% , indicator of the ability to restate a concept is 70.8%, and indicators to apply the concept or problem-solving algorithms that got the lowest percentage is 60.8%. This is possible because on this indicator the students have not been capable of reasoning further to the problems presented. Then there is an increased understanding of the concept of the student after getting learning by using animation media, demonstrated by differences in the average gap pretest scores is 2.53 and a post-test score is 3.15. The conclusion of this research is the fulfillment of the four indicators developed understanding of the concept and animation media can upgrade student's understanding of the concept.

Keywords: Animation media, Curriculum Based on 2013, Understanding Of The Concept