

## **ABSTRACT**

*Revianti Ismi Sulistiani. 2018. The contextual approach to web-oriented teaching to improve students' creative thinking on the concept of cells in SMAN 12 Bandung. Advisor 1 Prof. Dr. H. Toto Gani Sutarto G.U., M.Pd. Advisor 2 Ibu drh. Nia Nurdiani M.Si.*

*This study was conducted with the aim to find out the contextual teaching approach that is web-oriented to improve creative thinking of students on the concept of cells in class XI MIA SMAN 12 Bandung. he sample in this study is class XI MIA 6, totaling 36 students. The hypothesis proposed by the writer is "the contextual teaching approach that is web-oriented can improve students' creative thinking on the concept of cells in SMAN 12 Bandung". he research method used is Pre-experiment. The research design used was One group pretest-posttest design. Data analysis used is Normality Test, Homogeneity Test, Hypothesis Test with t test, and Gain Normality Test. The results of this study indicate that the results of creative thinking assessment is the value of N-Gain 0.50 or included in the criteria of being, product assessment with an average value of 88 or including good categories, and assessment of student responses with an overall average percentage of 65.78 % consists of an average positive response of 60% and an average negative response of 40%. The results of hypothesis testing are the significance of the <sig reference of 0.00 <0.05, so there is a significant difference between the results of the pretest and posttest. So it can be concluded that there is an increase in creative thinking after applying a web-oriented contextual teaching teaching approach to cell concepts.*

**Keywords** *Contextual Web-Oriented Teaching, Creative Thinking, Cell*