

ABSTRACT

Yanita Nurfitriyana. 2017. The Application Problem Based Learning Model to Improve Managing Impulsivity Students on Environmental Pollution Concept. Preceptor 1 Drs. Yusuf Ibrahim, M.Pd., M.P. and Preceptor 2 Ida Yuyu Nurul Hizqiyah, S.Pd., M.Si.

The main objective of this study is to find out the application problem based learning to improve managing impulsivity students on environmental pollution concept. This research is expected to improve students learning outcomes in the cognitive, affective, and psychomotor aspect on the managing impulsivity. This sample of research is class X MIA 3 in SMA Negeri 20 Bandung academic year 2017/2018 which consist of 34 student. This method of research use is pre-experimental design with using One-Group Pretest-Posttest design. The research data is analyzed by using hypothesis test and correlation test. The result show that n-gain got score 0,68 in cognitive aspect assesment with medium category, in affective aspect assesment got average score 83 with good category, 85 average score in psychomotor aspect assesment with good category, and student questionnaire assessment get whole average 78% responding positively with almost entirety category. Whereas, the result correlation test cognitive aspect with affective aspect got correlation coefficient value 0,747 with 0,00 significance, affective aspect with psychomotor aspect got correlation coefficient value 0,744 with 0,00 significance, and psychomotor aspect with cognitive aspect got correlation coefficient value 0,717 with 0,00 significance. From the research result it can be concluded that the application problem based learning model can to improve managing impulsivity student on environmental pollution concept.

Keyword: Problem based learning, habits of mind, managing impulsivity, environmental pollution.