

ABSTRACT

Fitri Hayati Kurnia, 2019. ***Implementation Model of Creative Problem Solving (CPS) to Improve Students ' Creative Thinking on the Concept of Biodiversity.*** *The first Supervisor:* Prof. Dr. H. Toto Sutarto Gani Utari, M.Pd. *and The second Supervisor:* Gurnita, S.Si., M.P.

This research aims to determine whether the model of creative problem solving (CPS) can increase students ' creative thinking on the concept of biodiversity. The research on the subject of class X MIPA in high school Angkasa Bandung, which was used as a sample is a student as much as 32 people by using purposive sampling. The research method used was pre-experimental research designs with one group pretest – posttest design. Parameters measured is a test of the ability of the creative thinking of students. Research instrument used to test the ability of the creative thinking of students in the form of reserved 20-question multiple choice and essay question 5 round. Of research results obtained average value of pretest of 57.34 and posttest average 79.84 with value highest N-Gain of 0.83 and the value low N-Gain of 0.33, this suggests that the ability of creative thinking students experience increased after learning using models of creative problem solving (CPS). Thus it can be concluded that the ability of creative thinking in students can be increased through a model of creative problem solving (CPS).

Keywords: Creative Thinking Ability, A Model Of Creative Problem Solving