

Pengaruh Model Pembelajaran *Problem Based Learning* Terhadap Berpikir Kritis Siswa SMP Pada Pembelajaran Biologi Materi Pemanasan Global

Effect of Problem Based Learning Model on Critical Thinking of Junior High School Students on Biology Learning Global Material

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Abstract: The demand of science learning in the global era according to the National Science Teachers Association (2006) is to prepare learners with a variety of skills and skills, one of which is critical thinking skills. In learning Biology in SMP Negeri 3 Kragan critical thinking skills have not been empowered by teachers. Efforts to improve the skills of critical thinking is with the model of learning *Problem Based Learning*. The purpose of this study to determine the effect of learning model *Problem Based Learning* on students' critical thinking skills. This research was conducted on the seventh grade students of SMP Negeri 3 Kragan. The material in this research is global warming. This type of research is a quasi-experimental research with Pretest-Posttest Control Group Design design. The sample in this research is VII A class (experimental class) and VII B class (control class), each class is 30 students. Data analysis using t test. The results showed that the average value of all aspects and indicators of critical thinking experimental class is higher than the control class. Percentage in experimental class 83,60% while in control class 76,40%. Data analysis with t test obtained sig value 0.000, so it is concluded that model of learning of Problem Based Learning influence to critical thinking skill of SMP Negeri 3 Kragan student on global warming material.

Keywords: Problem Based Learning Model, Critical Thinking, Global Warming

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