

ABSTRAK

Muhammad Raihan Firdaus (2025). *Implementasi Model Problem Based Learning Berbantuan Metode Role Playing untuk Meningkatkan Keterampilan Berpikir Kreatif Peserta Didik Kelas X pada Materi Pemanasan Global.*

Keterampilan berpikir kreatif merupakan keterampilan yang harus dikuasai oleh peserta didik untuk menyongsong masa depan yang lebih baik. Salah satu cara meningkatkan keterampilan berpikir kreatif adalah melalui proses pembelajaran. Model dan metode pembelajaran menjadi komponen inti dalam proses pembelajaran, maka dari itu peneliti mencoba untuk mencari tau pengaruh implementasi model *Problem Based Learning* berbantuan metode *Role Playing* terhadap peningkatan keterampilan berpikir kreatif peserta didik kelas X di Ma Al-Azhar dalam lingkup materi pemanasan global. Hasilnya adalah terdapat peningkatan keterampilan berpikir kreatif pada kelas eksperimen 1 yang belajar menggunakan model *Problem Based Learning* berbantuan metode *Role Playing* dengan perolehan *N-Gain* sebesar 0.77 dan interpestasinya sangat efektif. Sementara untuk pembelajaran yang menggunakan model *Problem Based Learning* tanpa metode *Role Playing* berhasil mendapatkan peningkatan keterampilan berpikir kreatif dengan perolehan nilai *N-Gain* sebesar 0.69 dan interpestasinya efektif. Kesimpulan dari penelitian ini adalah model *Problem Based Learning* berbantuan metode *Role Playing* dapat menjadi salah satu cara meningkatkan keterampilan berpikir kreatif para peserta didik terutama dalam mata pelajaran Fisika materi pemanasan global.

Kata Kunci : Fisika, *Problem Based Learning*, *Role Playing*, Kreatif, Pemanasan Global.



ABSTRACT

Muhammad Raihan Firdaus (2025). *Implementation of the Problem Based Learning Model Assisted by the Role Playing Method to Improve Class X Students' Creative Thinking Skills on Global Warming Material.*

Creative thinking skills are skills that students must master to face a better future. One way to improve creative thinking skills is through the learning process. Learning models and learning methods are core components in the learning process, therefore the researchers tried to find out the effect of implementing the Problem Based Learning learning model assisted by the Role Playing method on improving the creative thinking skills of class X students at Ma Al-Azhar in the scope of global warming material. . The result is that there is an increase in creative thinking skills in the experimental class who learn using the Problem Based Learning learning model assisted by the Role Playing method with an N-Gain of 0.77 and the interpretation is very effective. Meanwhile, learning using the Problem Based Learning model without the Role Playing method succeeded in increasing creative thinking skills with an N-Gain value of 0.69 and effective interpretation. The conclusion of this research is that the Problem Based Learning learning model assisted by the Role Playing method can be a way to improve students' creative thinking skills, especially in the physics subject, global warming.

Keywords : *Physics, Problem Based Learning, Role Playing, Creative, Global Warming.*

