

Khoiriyatun Nisa'. 2025. *Pengaruh Model Problem Based Learning berbantuan e-module Terhadap Keterampilan Berpikir Kritis Siswa*. Skripsi, Program Studi Pendidikan IPA, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Eva Ari Wahyuni

ABSTRAK

Penelitian ini bertujuan untuk mengetahui perbedaan keterampilan berpikir kritis siswa antara kelas eksperimen dengan kelas kontrol, peningkatan keterampilan berpikir kritis siswa sebelum dan setelah diterapkan model *Problem Based Learning* berbantuan *e-module*, keterlaksanaan model *Problem Based Learning* berbantuan *e-module* dan respons siswa terhadap model *Problem Based Learning* berbantuan *e-module*. Penelitian ini menggunakan jenis kuantitatif dengan desain *Nonequivalent Control Grup Design*. Sampel penelitiannya yaitu siswa kelas VII B sebagai kelas eksperimen dan VII A sebagai kelas kontrol di SMPN 1 Tragah, dengan teknik pengambilan sampel *purposive sampling*. Keterampilan berpikir kritis diukur dengan 10 butir soal berbentuk uraian yang mencakup lima indikator keterampilan berpikir kritis. Teknik analisis data menggunakan uji-t Sampel Bebas. Hasil penelitian yang dapat disimpulkan adalah terdapat perbedaan keterampilan berpikir kritis siswa kelas eksperimen dengan kelas kontrol, terdapat peningkatan keterampilan berpikir kritis siswa setelah diterapkan model *Problem Based Learning* berbantuan *e-module* dengan hasil rata-rata *N-Gain Score* kelas eksperimen 0,48 berkategori sedang, keterlaksanaan model *Problem Based Learning* berbantuan *e-module* memperoleh rata-rata 95,06%, berkategori sangat baik dan hasil angket respons peserta didik menunjukkan rata-rata skor 84,04% berkategori sangat baik. Berdasarkan hasil penelitian, model *Problem Based Learning* berbantuan *e-module* terbukti berpengaruh terhadap keterampilan berpikir kritis siswa.

Kata Kunci: Keterampilan berpikir kritis, *Problem Based Learning*, *e-module*

Khoiriyatun Nisa'. 2025. *The Influence of Problem Based Learning Model Assisted by E-Module on Students' Critical Thinking Skills*. Thesis, Science Education Study Program, Faculty of Teacher Training and Education, Trunojoyo University, Madura. Advisor: Eva Ari Wahyuni

ABSTRACT

This study aims to determine the differences in students' critical thinking skills between the experimental class and the control class, the improvement of students' critical thinking skills before and after the implementation of the Problem Based Learning model assisted by e-module, the implementation of the Problem Based Learning model assisted by e-module and students' responses to the Problem Based Learning model assisted by e-module. This study uses a quantitative type with a Nonequivalent Control Group Design. The research sample was students of class VII B as the experimental class and VII A as the control class at SMPN 1 Tragah, with a purposive sampling technique. Critical thinking skills were measured by 10 descriptive questions covering five indicators of critical thinking skills. The data analysis technique used the Free Sample t-test. The results of the study that can be concluded are that there are differences in critical thinking skills of students in the experimental class and the control class, there is an increase in students' critical thinking skills after the implementation of the Problem Based Learning model assisted by e-module with an average N-Gain Score of 0.48 in the experimental class in the moderate category, the implementation of the Problem Based Learning model assisted by e-module obtained an average of 95.06%, categorized as very good and the results of the student response questionnaire showed an average score of 84.04% in the very good category. Based on the results of the study, the Problem Based Learning model assisted by e-module has been proven to have an effect on students' critical thinking skills.

Keywords: *Critical thinking skills, Problem Based Learning, e-module*