

Fadlun Nisak. 2020. *Efektivitas Model Pembelajaran PBI Dengan Pendekatan Open Ended Terhadap Keterampilan Berpikir Kritis Siswa*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing 1 : Yunin Hidayati dan Pembimbing 2 : Mochammad Yasir.

ABSTRAK

Penelitian ini bertujuan untuk mengetahui efektivitas model pembelajaran PBI dengan pendekatan *Open Ended* terhadap keterampilan berpikir kritis siswa. Penelitian menggunakan metode kuasi eksperimen dan dilaksanakan di SMPN 5 Bangkalan dengan populasi semua siswa kelas VII Tahun Ajaran 2019/2020. Teknik pengambilan sampel menggunakan *purposive sampling*. Sampel penelitian sebanyak 2 kelas. Pengumpulan data menggunakan teknik observasi, tes, angket, dokumentasi. Teknik analisis data menggunakan tes keterampilan berpikir kritis siswa, pengamatan lembar keterlaksanaan pembelajaran, angket respon siswa. Berdasarkan hasil penelitian dapat disimpulkan bahwa: (1) model pembelajaran PBI dengan pendekatan *Open Ended* terhadap keterampilan berpikir kritis sangat efektif digunakan untuk pembelajaran, (2) Hasil rata-rata *N Gain Score* eksperimen 0,64 dan kontrol 0,42, (3) Hasil rekapitulasi keterlaksanaan 92%, (4) Hasil rekapitulasi angket respon 84%.

Kata Kunci : efektivitas, keterampilan berpikir kritis, *Open Ended*, PBI

Fadlun Nisak. 2020. *The Effectiveness of PBI Learning Models with Open Ended Approaches to Students' Critical Thinking Skills*. Thesis. Natural Science Education. Education Faculty, University of Trunojoyo Madura. 1st Advisor :Yunin Hidayati and 2nd Advisor: Mochammad Yasir.

ABSTRACT

This study aims to determine the effectiveness of PBI learning models with the *Open Ended* approach to students' critical thinking skills. The research used a quasi-experimental method and was conducted at SMPN 5 Bangkalan. The population was all seventh-grade students in the academic year of 2019/2020. The employed sampling technique was purposive sampling. The sampling consists of 2 classes. Technique of collecting data used observation, tests, questionnaires, documentation. Technique of analyzing data used the students' critical thinking skills test, observation of the learning outcomes sheet, student questionnaire responses. Based on the results of the study it can be concluded that: (1) PBI learning models with the *Open Ended* approach to critical thinking skills are very effectively used for learning, (2) The average *N Gain Score* experimental results are 0.64 and controls are 0.42, (3) The results of the recapitulation of 92% accomplishment, (4) The results of the recapitulation questionnaire response 84%.

Keywords: effectiveness, critical thinking skills, *Open Ended*, PBI