

Karlina Wati. 2018. Penerapan Model CORE (*Connecting Organizing Reflecting Extending*) untuk Melatih Keterampilan Berpikir Kritis Siswa. Skripsi. Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing 1 Yunin Hidayati dan Pembimbing 2 Ana yuniasti Retno wulandari.

ABSTRAK

Penelitian bertujuan untuk mengetahui pengaruh model CORE (*Connecting Organizing Reflecting Extending*) terhadap keterampilan berpikir kritis siswa. Metode penelitian dalam penelitian ini menggunakan *quasi eksperimental design* dengan *nonequivalent control group design*. Penelitian dilaksanakan di SMPN 4 Bangkalan dengan populasi seluruh siswa kelas VIII pada materi Cahaya. Sampel yang digunakan adalah 2 kelas yaitu kelas VIII F dan VIII H. Teknik analisis data menggunakan uji t sampel bebas. Berdasarkan hasil penelitian dapat disimpulkan bahwa; (1) Ada pengaruh model pembelajaran CORE (*Connecting Organizing Reflecting Extending*) terhadap keterampilan berpikir kritis siswa yang dibuktikan nilai uji t sampel bebas, nilai $-t_{hitung} < t_{tabel} < t_{hitung}$ yakni $-2,064 < 2,00758 < 2,064$ maka H_1 diterima, (2) Siswa merespon dengan sangat baik pembelajaran menggunakan model CORE (*Connecting Organizing Reflecting Extending*), dengan nilai persentase angket respon siswa sebesar 84,69%, (3) Keterlaksanaan pembelajaran dengan menerapkan model pembelajaran CORE (*Connecting Organizing Reflecting Extending*) berkategori sangat baik dengan rata-rata sebesar 100%.

Kata Kunci: Keterampilan berpikir kritis, model pembelajaran CORE (*Connecting Organizing Reflecting Extending*), pembelajaran IPA.

Karlina Wati. 2018. *The Application of Learning CORE (Connecting Organizing Reflecting Extending) Model for Training The Critical Thinking Skill of Students. Thesis. Natural Science Education Study Program, Education Faculty, University of Trunojoyo Madura. Advisor 1 Yunin Hidayati and Advisor 2 Ana Yuniasti Retno Wulandari.*

ABSTRACT

The research aims to know the influence of CORE (Connecting Organizing Reflecting Extending) model toward critical thinking skill of students. Research methods in this research use a quasi experimental design with nonequivalent control group design. The research held at SMPN 4 Bangkalan with a population of whole grade VIII on the subject of light. The sample use 2 classes, namely class VIII F and VIII H. Data analysis techniques use independent t sample test. Based on the research result, it can be concluded that; (1) Presence the influence of CORE (Connecting Organizing Reflecting Extending) model toward critical thinking skill of students, The value of t test independent prove that $-t_{count} < t_{table} < t_{count}$ is $-2,064 < 2,00758 < 2,064$ then H_1 is accepted, (2) The Student give a very good response to learning use CORE (Connecting Organizing Reflecting Extending) model, the percentage value of student response questionnaire is 84,69%, (3) Realization learning use CORE (Connecting Organizing Reflecting Extending) model is very good with an average 100%.

Keyword: Critical thinking skill, CORE (Connecting Organizing Reflecting Extending) learning model, science learning.