

ABSTRAK

Isdianti, Maya Fahrudatul. Yunin Hidayati dan Irsad Rosidi. 2017. Pengaruh Model *Learning Cycle 7E* pada Pembelajaran IPA Terhadap Keterampilan Berpikir Kritis Siswa. Skripsi, Program Studi Pendidikan IPA Fakultas Ilmu Pendidikan Universitas Trunojoyo Madura.

Penelitian ini bertujuan untuk mengetahui pengaruh model *Learning cycle 7E* terhadap keterampilan berpikir kritis siswa. Penelitian ini menggunakan metode quasi eksperimen dengan *non-equivalent control group design*. Pengambilan sampel menggunakan teknik *purposive sampling*, dengan subjek VIII A dan VIII B sebagai kelas eksperimen dan kontrol. Teknik analisis data menggunakan uji-t sampel bebas. Hasil penelitian menunjukkan bahwa model *Learning cycle 7E* berpengaruh terhadap keterampilan berpikir kritis siswa. Hasil uji-t sampel bebas pada tes keterampilan berpikir kritis siswa, diperoleh sig sebesar 0,00 ($< 0,05$), dan nilai $t_{hitung} = 5,160$ ($> t_{tabel} = 1,999$). Maka H_0 ditolak dan H_1 diterima yang artinya terdapat perbedaan keterampilan berpikir kritis siswa kelas eksperimen dan kontrol. Hasil penelitian ini menunjukkan bahwa ada pengaruh model *Learning cycle 7E* terhadap keterampilan berpikir kritis siswa.

Kata kunci: Model *Learning cycle 7E*, Pembelajaran IPA dan keterampilan berpikir kritis.

ABSTRACT

Isdianti, Maya Fahrudatul. Yunin Hidayati and Irsad Rosidi. 2017. *The Influence Of Learning Cycle 7E Model On Science Instructional Toward Students Critical Thinking Skill. Minithesis. Science Education Programs. Knowledge and Education Faculty. Universitas Trunojoyo Madura.*

The aim of this research is to know the effect of Learning Cycle 7E model toward students critical thinking skill. This research uses a quasy experiment method with non-equivalent control group design. The sampling technique was use purposive sampling with subject the students of VIII A and VIII B as experiment and control. This research uses an independent sample t-test to analyze the data. The result of the research indicates that the learning cycle 7E model is affected the critical thinking skill students. The result of independent sample t-test on critical thinking skill tests, obtained the value of significance is 0,00 ($< 0,05$) and the value of $t_{count} = 5,160$ ($> t_{table} = 1,999$). Then H_0 is rejected and H_1 is accepted which means there is a difference between critical thinking skill in experiment and control class. The result of this research indicates that there are effects of learning cycle 7E model toward critical tinkng skill students.

Keywords: *Learning Cycle 7E models, Science Instructional and critical thinking skill.*