

ABSTRAK

Sheilanisya Intonia Putri. Pengaruh E-LKPD Inquiry Terbimbing Dengan Media Ajar *Liveworksheet* Terhadap Kemampuan Berfikir Kritis Siswa MAN 2 Magetan. Program Studi Pendidikan Biologi. Fakultas Keguruan Dan Ilmu Pendidikan. Universitas PGRI Madiun. Pembimbing: Dr. Muh. Waskito Ardhi, S.Pd., M.Pd. dan Sri Utami, S.Pd., M.Pd.

Perkembangan teknologi di era digitalisasi membawa perubahan pada banyak aspek kehidupan manusia, salah satunya yaitu dalam bidang pendidikan. Kemajuan IPTEK memberikan perubahan yang cukup menyeluruh (Nuzula, 2023). Tujuan dari penelitian ini yaitu Untuk menganalisis pengaruh E-LKPD *Inquiry* terbimbing dengan media ajar *Liveworksheet* terhadap kemampuan berfikir kritis siswa MAN 2 Magetan. Penelitian ini merupakan penelitian kuantitatif dengan jenis penelitian eksperimen dengan menggunakan metode Posttest Only Control Design. Hasil uji validitas semua soal dapat dinyatakan valid dan dapat digunakan dalam penelitian. Berdasarkan hasil uji homogenitas pada posttest kelas eksperimen dan kelas kontrol tersebut diambil kesimpulan bahwa nilai sig 0.5320.05 maka data berdistribusi homogen, artinya data hasil pretest kelas eksperimen dan kelas kontrol berasal dari varians yang homogen atau bersifat homogen. Diketahui bahwa nilai dari sig (2-tailed) adalah 0.000. sesuai dengan kriteria pengujian dapat diperoleh nilai sig 0.000 0.05 maka H₀ ditolak H₁ diterima, yang artinya ada pengaruh kemampuan berfikir kritis siswa MAN 2 Magentan terhadap pembelajaran berbasis inquiry terbimbing dengan bantuan *liveworksheet*. kritis siswa MAN 2 Magentan terhadap pembelajaran berbasis inquiry terbimbing dengan bantuan *liveworksheet*.

Kata kunci : *inquiry* terbimbing, berfikir kritis, *liveworksheet*.

ABSTRACT

Sheilanisya Intonia Putri. The Influence of Guided Inquiry E-LKPD Using Liveworksheet Teaching Media on the Critical Thinking Ability of MAN 2 Magetan Students. Biology Education Study Program. Faculty of Teacher Training and Education. PGRI Madiun University. Supervisor: Dr. Muh. Waskito Ardhi, S.Pd., M.Pd. and Sri Utami, S.Pd, M.Pd.

Technological developments in the digitalization era have brought changes to many aspects of human life, one of which is in the field of education. Advances in science and technology provide quite comprehensive changes (Nuzula, 2023). The aim of this research is to analyze the influence of guided Inquiry E-LKPD using Liveworksheet teaching media on MAN 2 Magetan students' critical thinking abilities. This research is a quantitative research type of experimental research using the Posttest Only Control Design method. The validity test results of all questions can be declared valid and can be used in research. Based on the results of the homogeneity test in the posttest of the experimental class and control class, it was concluded that the sig value was 0.5320.05, so the data had a homogeneous distribution, meaning that the data from the pretest results of the experimental class and control class came from homogeneous variance or were homogeneous in nature. It is known that the value of sig (2-tailed) is 0.000. according to the testing criteria, a sig value of 0.000 0.05 can be obtained, so H_0 is rejected and H_1 is accepted, which means that there is an influence on MAN 2 Magentan students' critical thinking abilities on guided inquiry-based learning with the help of live worksheets. MAN 2 Magentan students' criticism of guided inquiry-based learning with the help of live worksheets.

Keywords: guided inquiry, critical thinking, live worksheet.