

Alfia Nur Safitri. 2020. *Penerapan Model PjBL Berpendekatan Science Edutainment Terhadap Keterampilan Pemecahan Masalah Kreatif Siswa*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing 1: Yunin Hidayati dan Pembimbing 2: Moch. Yasir.

ABSTRAK

Penelitian ini bertujuan untuk mendeskripsikan perbedaan keterampilan pemecahan masalah kreatif siswa sebelum dan sesudah penerapan model PjBL berpendekatan *science edutainment*. Jenis penelitian yang digunakan ialah *pre-experimental design* dengan metode kuantitatif. Penelitian dilakukan di UPTD SMPN I Tragah dengan populasi seluruh kelas VII Tahun ajaran 2019/2020. Teknik pengambilan sampel menggunakan *purposive sampling*. Sampel penelitian yang digunakan ialah kelas VII-A yang berjumlah 25 siswa. Teknik pengumpulan data menggunakan tes, angket, observasi, dan dokumentasi. Teknik analisis data menggunakan *uji-t sampel berpasangan*. Berdasarkan hasil penelitian dapat disimpulkan bahwa: (1) ada perbedaan keterampilan pemecahan masalah kreatif siswa sebelum dan sesudah penerapan model PjBL berpendekatan *science edutainment*, (2) hasil *posttest* keterampilan pemecahan masalah kreatif lebih baik dibandingkan hasil *pretest*, (3) keterlaksanaan pembelajaran IPA menggunakan model PjBL berpendekatan *science edutainment* mencapai 93,5% dengan kriteria sangat baik, (4) siswa memberikan respon positif terhadap pembelajaran yang telah dilakukan dengan total rata-rata yang diperoleh sebesar 74% dengan kriteria baik.

Kata kunci : keterampilan pemecahan masalah kreatif, model PjBL, pendekatan *science edutainment*.

Alfia Nur Safitri. 2020. *Application of the PjBL Model with the Science Edutainment Approach to Students' Creative Problem Solving Skills*. Thesis, Natural Science Education. Education Faculty, University of Trunojoyo Madura. 1st Advisor: Yunin Hidayati and 2nd Advisor: Moch. Yasir.

ABSTRACT

This study aims to describe the differences in students' creative problem solving skills before and after the implementation of the PjBL model with science edutainment approach. This type of research is a pre-experimental design with quantitative methods. The study was conducted at UPTD SMPN I Tragah with a population of all class VII in the 2019/2020 academic year. The sampling technique used in this study was purposive sampling. The research sample used was class VII-A, amounting to 25 students. The technique of collecting data were using tests, questionnaires, observations, and documentation. The data analysis technique used paired sample t-test. Based on the results of the study, it can be concluded that: (1) there are differences in students' creative problem solving skills before and after the implementation of the PjBL model with science edutainment approach, (2) the results of the posttest creative problem solving skills are better than the results of the pretest, (3) the implementation of natural science learning using models PjBL with science edutainment approach reached 93,5% with very good criteria, (4) students gave positive responses to the learning that had been done with a total average obtained by 74% with good criteria.

Keywords: creative problem solving skills, PjBL model, science edutainment approach.