

Siti Nurhayati. 2021. pengembangan perangkat pembelajaran berbasis model *open ended* untuk meningkatkan keterampilan berpikir tingkat tinggi siswa kelas III tema energi dan perubahannya subtema sumber energi. Skripsi. Program Studi Pendidikan Guru Sekolah Dasar, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing I : Rika Wulandari, S.Pd., M.Pd. Pembimbing II: Tyasmiarni Citrawati, S.Pd., M.Pd.

ABSTRAK

Tujuan penelitian ini adalah untuk mengembangkan perangkat pembelajaran berbasis model *open ended* untuk meningkatkan keterampilan berpikir tingkat tinggi siswa kelas III tema energi dan perubahannya subtema sumber energi yang valid ditinjau dari hasil penilaian kevalidan, efektif ditinjau dari hasil penilaian lembar evaluasi siswa, dan menarik ditinjau dari hasil angket respon siswa. Penelitian pengembangan ini menggunakan model pengembangan 4D. Berdasarkan hasil penelitian yang dilakukan, diperoleh hasil persentase kevalidan perangkat pembelajaran berbasis model *open ended* berada rentang 81,26 % - 100 % dalam kategori sangat valid. Keefektifan perangkat pembelajaran diukur dari hasil belajar siswa ketuntasan klasikal sebesar 100% sehingga dapat disimpulkan bahwa perangkat pembelajaran berbasis model *open ended* efektif digunakan dalam proses pembelajaran. Kemenarikan diukur dari persentase hasil angket respon siswa sebesar 90,9% dengan kategori sangat menarik. Berdasarkan hasil penelitian ini maka perangkat pembelajaran berbasis model *open ended* ini dapat dikatakan valid, efektif, dan menarik.

Kata Kunci : Pengembangan Perangkat Pembelajaran Berbasis Model Open Ended untuk Meningkatkan Keterampilan Berpikir Tingkat Tinggi.

Siti Nurhayati, 2021. The development of learning devices based on the open-ended model to improve high-level of thinking skills of the third grade students with the energy and its changes in the sub-themes of energy sources. Thesis. Primary School Teacher Education Study Program, Faculty of Education, University of Trunojoyo Madura. Advisor I: Rika Wulandari, S.Pd., M.Pd. Advisor II: Tyasmiami Citrawati, S.Pd., M.Pd.

ABSTRACT

The aim of this study was to develop learning devices based on the open-ended model to improve the high-level of thinking skills of the third grade students with the energy and its changes in the sub-themes of energy sources which can be seen from their validity, their effectiveness, and their attractiveness. This research used a fourth dimension of development model. The results showed that it was found that the percentage of validity of learning tools based on the open-ended model was in the range 81.26% - 100% in the very valid category. The effectiveness of learning devices was measured from the results of students' learning was in 100% so, it can be concluded that it was effective model used in the learning process. Attractiveness was measured from the percentage of student response questionnaires of 90.9% with the very attractive category. From the results of the study, it can be concluded that learning devices based on open-ended model cannot be said to be valid, effective, and attractive.

Keywords: The development of learning devices based on the open-ended model to improve high-level of thinking skills.