

Anneke Srihadi Fransiscarini Amalya Dewanto. 2022. *Pengembangan E-Modul Kearifan Lokal Madura berbasis Etnosains Tema 9 Benda-benda di Sekitar Kita Kelas V SDN Socah 3 Bangkalan*. Skripsi. Program Studi Pendidikan Guru Sekolah Dasar. Fakultas Ilmu Pendidikan. Universitas Trunojoyo Madura. Pembimbing: Isna Ida Mardiyana

ABSTRAK

Tujuan penelitian pengembangan ini adalah untuk mengembangkan e-modul kearifan lokal Madura berbasis etnosains yang valid, praktis, dan efektif. Penelitian ini menggunakan model pengembangan 4D dengan 4 tahapan yaitu pendefinisian (*define*), perancangan (*design*), pengembangan (*develop*), penyebarluasan (*disseminate*). Subjek penelitian ini adalah siswa kelas V SDN Socah 3 Bangkalan. Berdasarkan validasi para ahli didapatkan hasil persentase sebagai berikut, ahli desain pembelajaran 87,5% (sangat valid), ahli bahan ajar 91,67% (sangat valid), ahli bahasa 85% (sangat valid), dan ahli materi 95% (sangat valid). Kepraktisan diperoleh dari hasil angket respon guru sebesar 97,5% (sangat baik), angket respon siswa kelompok besar 93,33% (sangat baik), dan observasi keterlaksanaan pembelajaran 97,5% (Terlaksana). Keefektifan diperoleh dari hasil belajar klasikal siswa. Ketuntasan belajar menunjukkan 100% (kriteria ketuntasan secara klasikal yaitu $\geq 85\%$ siswa memenuhi KKM). Berdasarkan hasil penelitian maka e-modul kearifan lokal Madura berbasis etnosains dikatakan valid, praktis, dan efektif sehingga dapat digunakan pada tema 9 subtema 3 pembelajaran 5 dan 6 SDN Socah 3 Bangkalan.

Kata Kunci: *E-modul pembelajaran, etnosains, kearifan lokal Madura.*

Anneke Srihadi Fransiscarini Amalya Dewanto. 2022. *Development of Madura Local Wisdom E-Module based on Ethnoscience Theme 9 Objects Around Us Class V SDN Socah 3 Bangkalan*. Thesis. Elementary School Teacher Education Study Program. Faculty of Science Education. Trunojoyo University, Madura. Supervisor: Isna Ida Mardiyana, S.Pd., M.Pd.

ABSTRACT

The purpose of this development research is to develop an e-module of Madura local wisdom based on ethnoscience that is valid, practical, and effective. This study uses a 4D development model with 4 stages, namely defining, designing, developing and disseminating. The subjects of this study were fifth grade students of SDN Socah 3 Bangkalan. Based on the validation of the experts, the percentage results are as follows, learning design experts 87.5% (very valid), teaching materials experts 91.67% (very valid), linguists 85% (very valid), and material experts 95% (very valid). Practicality was obtained from the results of the teacher's response questionnaire of 97.5% (very good), the large group student response questionnaire 93.33% (very good), and the observation of learning implementation 97.5% (implemented). The effectiveness is obtained from students' classical learning outcomes. Mastery learning shows 100% (classical criteria for completeness are 85% students meet the KKM). Based on the results of the study, the Madura local wisdom e-module based on ethnoscience is said to be valid, practical, and effective so that it can be used on theme 9 sub-themes 3 learning 5 and 6 at SDN Socah 3 Bangkalan.

Keywords: *E-learning module, ethnoscience, Madura local wisdom.*