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ABSTRAK

Tujuan penelitian ini adalah untuk mengembangkan modul ajar yaitu berupa Modul Elektronik pada materi bangun datar yang valid, efektif dan menarik digunakan di kelas III SDN Dlambah Dajah 2. Penelitian pengembangan ini menggunakan model 4D. Teknik pengumpulan data yang digunakan yaitu observasi, wawancara, angket, dan tes. Berdasarkan hasil validasi ahli media pembelajaran, materi pelajaran, bahasa dan desain pembelajaran diperoleh rata-rata hasil persentase keseluruhan kevalidan 87,5% dengan kategori sangat valid. Keefektifan produk dilihat dari observasi aktivitas guru sebesar 92 % dengan kategori sangat efektif, observasi aktivitas peserta didik sebesar 91,6% dengan kategori sangat efektif, hasil tes belajar siswa memperoleh rata-rata sebesar 100% sehingga dinyatakan efektif. Hasil kemenarikan berdasarkan rata-rata angket respon guru memperoleh persentase sebesar 92,5% dan angket respon siswa memperoleh persentase sebesar 89,75% dengan kategori sangat menarik. Hasil penelitian menunjukkan media pembelajaran E-Modul Matematika sangat valid, efektif, dan efektif digunakan dalam pembelajaran.

Kata kunci: Modul Elektronik Matematika, Bangun Datar.

Nur Toyyibah. 2024. *Development of Mathematics E-Modules on Flat Buildings Material in Grade 3 SDN Dlambah Dajah 2*. Thesis, Elementary School Teacher Education Study Program, Faculty of Education, Universitas Trunojoyo Madura. Advisor: Umi Hanik. S.Pd., M.Pd.

ABSTRACT

The purpose of this research is to develop teaching modules in the form of Electronic Modules on flat building material that is valid, effective and interesting to use in class III SDN Dlambah Dajah 2. This development research uses the 4D model. The data collection techniques used are observation, interviews, questionnaires, and tests. Based on the results of the validation of learning media experts, subject matter, language and learning design obtained an average percentage of the overall validity of 87.5% with a very valid category. The effectiveness of the product is seen from teacher activity observations of 92% with a very effective category, observation of student activity of 91.6% with a very effective category, the results of student learning tests obtained an average of 100% so that it is declared effective. The results of attractiveness based on the average teacher response questionnaire obtained a percentage of 92.5% and the student response questionnaire obtained a percentage of 89.75% in the very interesting category. The results showed that the Mathematics E-Module learning media was very valid, effective, and effective to use in learning.

Keywords: *Electronic Module of Mathematics, Flat Buildings.*