

Solihin. 2022. Pengembangan Bahan Ajar Modul Elektronok Volume Kubus dan Balok (MOTOKUBA) Berbasis Android Kelas V UPTD SDN Perreng 2 Burneh Bangkalan. Skripsi. Program Studi Pendidikan Guru Sekolah Dasar. Fakultas Ilmu Pendidikan. Universitas Trunojoyo Madura. Pembimbing I: Umi Hanik, S.Pd., M.Pd. Pembimbing II: Agung Setyawan, S.Pd., M.Pd.

ABSTRAK

Tujuan penelitian pengembangan ini untuk mengetahui kevalidan, keefektifan, dan kemenarikan bahan ajar modul elektronik volume kubus dan balok (MOTOKUBA) berbasis android. Penelitian ini dilakukan pada kelas V di UPTD SDN Perreng 2 Burneh Bangkalan. Penelitian dan Pengembangan ini menggunakan model ADDIE yang memiliki 5 tahapan yaitu *Analysis, Design, Development, Implementation, Evaluation*. Rata-rata hasil validasi memperoleh hasil 81,94% bahan ajar MOTOKUBA berbasis android dinyatakan dalam kategori valid. Hasil keefektifan pada tahap uji coba produk yakni lembar aktivitas guru memperoleh rata-rata 90%, lembar aktivitas siswa memperoleh rata-rata 95,11%, dan hasil belajar siswa memperoleh rata-rata 100%. Hasil keefektifan pada uji coba pemakaian yakni, lembar aktivitas guru memperoleh rata-rata 94,28%, lembar aktivitas siswa memperoleh rata-rata 94,34%, dan hasil belajar siswa memperoleh rata-rata 100%. Bahan ajar MOTOKUBA berbasis android dalam kategori sangat efektif. Hasil kemenarikan ditinjau dari angket serpon siswa pada tahap uji coba produk dan uji coba pemakaian, pada tahap uji coba produk memperoleh rata-rata 94,16%, sedangkan pada tahap uji coba pemakaian memperoleh rata-rata 94,64% bahan ajar MOTOKUBA berbasis android dinyatakan dalam kategori sangat menarik. Berdasarkan hasil penelitian maka bahan ajar modul elektronik volume kubus dan balok (MOTOKUBA) berbasis android valid, sangat efektif, dan sangat menarik digunakan pada kelas V UPTD SDN Perreng 2 Burneh Bangkalan.

Kata Kunci: Bahan ajar, modul elektronik, MOTOKUBA, volume kubus dan balok.

Solihin. 2022. *Development of Teaching Materials for Android-Based Volume Cubes and Blocks Electronic Module (MOTOKUBA) Class V UPTD SDN Perreng 2 Burneh Bangkalan*. Thesis. Elementary School Teacher Education Study Program. Faculty of Science Education. Trunojoyo University, Madura. Supervisor I: Umi Hanik, S.Pd., M.Pd. Advisor II: Agung Setyawan, S.Pd., M.Pd.

ABSTRACT

The purpose of this development research is to determine the validity, effectiveness, and attractiveness of teaching materials for the Android-based cube and cuboid volume electronic module (MOTOKUBA). This research was conducted in class V at UPTD SDN Perreng 2 Burneh Bangkalan. This Research and Development uses the ADDIE model which has 5 stages, namely Analysis, Design, Development, Implementation, Evaluation. The average validation results obtained that 81.94% of the Android-based MOTOKUBA teaching materials were stated in the valid category. The results of the effectiveness at the product trial stage, namely the teacher's activity sheet obtained an average of 90%, the student activity sheet obtained an average of 95.11%, and student learning outcomes obtained an average of 100%. The results of the effectiveness of the use trial, namely, teacher activity sheets obtained an average of 94.28%, student activity sheets obtained an average of 94.34%, and student learning outcomes obtained an average of 100%. Android-based MOTOKUBA teaching materials are in the very effective category. The attractiveness results in terms of student response questionnaires at the product trial stage and usage trial, at the product trial stage an average of 94.16% was obtained, while at the usage trial stage an average of 94.64% MOTOKUBA teaching materials were based on android. classified in the very attractive category. Based on the results of the study, the teaching materials for the Android-based cube and cuboid volume electronic module (MOTOKUBA) are valid, very effective, and very interesting to use in class V UPTD SDN Perreng 2 Burneh Bangkalan.

Keywords: *Teaching materials, electronic modules, MOTOKUBA, volume of cubes and blocks.*