

PENGEMBANGAN E-MODUL INTERAKTIF BERBASIS VIDEO ANIMASI UNTUK MENINGKATKAN HASIL BELAJAR SISWA MUATAN IPAS DI SEKOLAH DASAR

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ABSTRAK

Penelitian ini dilakukan karena ditemukannya permasalahan mengenai rendahnya hasil belajar siswa pada muatan IPAS, khususnya materi sistem pernapasan manusia, yang disebabkan oleh pembelajaran yang masih didominasi metode ceramah serta terbatasnya penggunaan media pembelajaran digital yang menarik dan interaktif. Tujuan penelitian pengembangan ini yaitu: (1) menghasilkan rancang bangun e-modul interaktif berbasis video animasi, (2) menguji validitas e-modul interaktif berbasis video animasi, (3) menguji kepraktisan e-modul interaktif berbasis video animasi, dan (4) menguji efektivitas e-modul interaktif berbasis video animasi dalam meningkatkan hasil belajar siswa pada muatan IPAS di sekolah dasar. Penelitian pengembangan ini menggunakan model ADDIE yang terdiri atas lima tahapan, yaitu *analyze*, *design*, *development*, *implementation*, dan *evaluation*. Metode pengumpulan data yang digunakan yaitu observasi, wawancara, angket, dan tes. Teknik analisis data yang digunakan yaitu analisis kualitatif dan kuantitatif. Subjek penelitian meliputi ahli media, ahli materi, praktisi guru, dan siswa kelas IV SD Negeri 3 Belantih. Hasil penelitian menunjukkan bahwa: (1) e-modul interaktif berbasis video animasi memperoleh kualifikasi sangat valid berdasarkan penilaian ahli media dan ahli materi, (2) memperoleh kualifikasi sangat praktis berdasarkan respons guru dan siswa, serta (3) efektif dalam meningkatkan hasil belajar siswa pada materi sistem pernapasan manusia. Dengan demikian, e-modul interaktif berbasis video animasi layak digunakan sebagai media pembelajaran IPAS di sekolah dasar untuk meningkatkan hasil belajar siswa.

Kata Kunci: e-modul interaktif, video animasi, hasil belajar, sistem pernapasan manusia, IPAS sekolah dasar.

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ABSTRACT

This research was conducted due to the low learning outcomes of students in the IPAS subject, particularly on the topic of the human respiratory system. This problem was caused by learning activities that were still dominated by lecture methods and the limited use of engaging and interactive digital learning media. The objectives of this development research were: (1) to produce an interactive e-module based on animated videos, (2) to examine the validity of the interactive e-module based on animated videos, (3) to examine the practicality of the interactive e-module based on animated videos, and (4) to examine the effectiveness of the interactive e-module based on animated videos in improving students' learning outcomes in the IPAS subject at the elementary school level. This development research employed the ADDIE model, which consists of five stages: analyze, design, development, implementation, and evaluation. The data collection methods used were observation, interviews, questionnaires, and tests. The data analysis techniques consisted of qualitative and quantitative analyses. The research subjects included media experts, material experts, a teacher practitioner, and fourth-grade students of SD Negeri 3 Belantih. The results of the research showed that: (1) the interactive e-module based on animated videos obtained a very valid qualification based on the assessments of media and material experts, (2) it obtained a very practical qualification based on the responses of the teacher and students, and (3) it was effective in improving students' learning outcomes on the topic of the human respiratory system. Therefore, the interactive e-module based on animated videos is feasible to be used as an IPAS learning medium in elementary schools to improve students' learning outcomes.

Keywords: interactive e-module, animated video, learning outcomes, human respiratory system, IPAS in elementary schools.