

Moh. Hasan Abdillah. 2024. *Pengembangan Multimedia Interaktif Materi Menjelajahi Bumi dan Antariksa Kelas VI UPT SDN 242 Gresik*. Skripsi. Program Studi Pendidikan Guru Sekolah Dasar. Fakultas Ilmu Pendidikan. Universitas Trunojoyo Madura. Pembimbing : Andika Adinanda Siswoyo, S.Pd., M.Pd.

ABSTRAK

Jenis penelitian ini adalah *R&D* dengan model *4D* (*Define, Design, Development, Disseminate*). Tujuan penelitian *R&D* ini untuk mengembangkan media pembelajaran yang memenuhi kriteria kevalidan, keefektifan, dan kemenarikan pada materi menjelajahi bumi dan antariksa kelas VI. Penelitian pengembangan ini dilakukan pada kelas VI UPT SDN 242 Gresik. Teknik pengumpulan data pada penelitian pengembangan ini yaitu observasi, wawancara, angket dan tes. Kevalidan multimedia interaktif diperoleh melalui ahli media pembelajaran sebesar 88% dengan kriteria sangat valid, ahli desain pembelajaran sebesar 88% dengan kriteria sangat valid, dan ahli desain pembelajaran sebesar 76% dengan kriteria valid, dengan hasil rata-rata kevalidan sebesar 84% dengan kriteria valid. Keefektifan multimedia interaktif diperoleh melalui observasi aktivitas guru, siswa, dan tes siswa. Pada uji coba kelompok kecil aktivitas guru memperoleh 93,3% terlaksana, aktivitas siswa memperoleh 93,8% aktif, dan tes siswa memperoleh 100% tuntas. Uji coba kelompok besar aktivitas guru memperoleh 96,3% terlaksana, aktivitas siswa memperoleh 91,8% aktif, dan tes siswa memperoleh 100% tuntas. Kemenarikan multimedia interaktif diperoleh melalui angket respon guru dan siswa pada uji coba kelompok kecil dan uji coba kelompok besar. Pada uji coba kelompok kecil angket respon guru memperoleh 100% dengan kriteria sangat menarik, dan angket respon siswa memperoleh 93% dengan kriteria sangat menarik. Uji coba kelompok besar angket respon guru memperoleh 100% dengan kriteria sangat menarik, dan angket respon siswa memperoleh 92,5% dengan kriteria sangat menarik. Berdasarkan hasil penelitian maka multimedia interaktif sudah memenuhi kriteria valid, efektif, dan menarik digunakan pada materi menjelajahi Bumi dan Antariksa kelas VI UPT SDN 242 Gresik.

Kata Kunci : Multimedia Interaktif, Menjelajahi Bumi dan Antariksa, Model 4D

Moh. Hasan Abdillah. 2024. *Development of Interactive Multimedia Material for Exploring Earth and Space for Class VI UPT SDN 242 Gresik*. Thesis. Primary School Teacher Education Study Program. Faculty of Science Education. Trunojoyo University, Madura. Supervisor: Andika Adinanda Siswoyo, S.Pd., M.Pd.

ABSTRACT

This type of research is R&D with a 4D model (Define, Design, Development, Disseminate). The aim of this R&D research is to develop learning media that meets the criteria for validity, effectiveness and attractiveness in class VI earth and space exploration material. This development research was carried out in class VI UPT SDN 242 Gresik. Data collection techniques in this development research are observation, interviews, questionnaires and tests. The validity of interactive multimedia was obtained through learning media experts at 88% with very valid criteria, learning design experts at 88% with very valid criteria, and learning design experts at 76% with valid criteria, with an average validity result of 84% with valid criteria. . The effectiveness of interactive multimedia is obtained through observing the activities of teachers, students and student tests. In small group trials, teacher activities were 93.3% complete, student activities were 93.8% active, and student tests were 100% complete. Large group trials of teacher activities were 96.3% complete, student activities were 91.8% active, and student tests were 100% complete. The attractiveness of interactive multimedia was obtained through teacher and student response questionnaires in small group trials and large group trials. In the small group trial, the teacher's response questionnaire obtained 100% with very interesting criteria, and the student response questionnaire obtained 93% with very interesting criteria. Large group trials of teacher response questionnaires obtained 100% with very interesting criteria, and student response questionnaires obtained 92.5% with very interesting criteria. Based on the research results, interactive multimedia has met the criteria of being valid, effective and interesting to use in material exploring Earth and Space for class VI UPT SDN 242 Gresik.

Keywords: Interactive Multimedia, Exploring Earth and Space, 4D Mode