ABSTRAK

Putra, I Made Ardinata (2024**).** *Pengembangan Multimedia Pembelajaran Interaktif Berbasis Guided Inquiry Pada Materi Rotasi Dan Revolusi Bumi Untuk Meningkatkan Hasil Belajar Siswa Kelas VI SD*. Tesis, Pendidikan Dasar, Program Pascasarjana, Universitas Pendidikan Ganesha.

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Kata kunci : Guided Inquiry, Multimedia Pembelajaran Interaktif, Rotasi dan Revolusi Bumi

Tujuan penelitian adalah menganalisis kevalidan, praktisan, serta keefektivitas multimedia interaktif berbasis *guided inquiry* pada materi rotasi dan revolusi bumi dalam peningkatan hasil belajar kelas VI sekolah dasar. Desain yang digunakan dalam pengembangan ini ialah model ADDIE. Hasil penelitian memaparkan (1) pada pengujian validitas yang dilakukan oleh ahli materi dan media mendapatkan skor 85,26% dan 90,00% yang artinya pada pengembangan media ditinjau dari penggunaan materi serta media memiliki kategori valid; (2) pengujian kepraktisan dilakukan oleh 2 guru serta 6 peserta didik dengan perolehan skor berturut-urut ialah 96,36% serta 95,45% yang artinya memiliki kategori sangat praktis; serta (3) pengujian efektivitas dilaksanakan bersama 60 peserta didik dengan mendapatkan pretest dan postest berurutan yaitu 56.0 dan 75,00 dengan kriteria sedang yang menunjukan bahwa multimedia pembelajran interaktif ini efektif. Sedangkan, perolehan t-hitung ialah 13,222 serta t tabel ialah 2,002, sehingga diambil simpulan H1 diterima. Untuk pengaruh *Effect size* didapat 260% dengan kriteria tinggi. Dengan demikian, dapat disimpulkan multimedia pembelajaran interaktif berbasis *guided inquiry* pada materi rotasi dan revolusi bumi efektif, praktis, serta valid dalam hasil belajar kelas VI SD.

ABSTRACT

Putra, I Made Ardinata (2024). *Development of Interactive Learning Multimedia Based on Guided Inquiry on the Material of Earth's Rotation and Revolution to Improve Learning Outcomes of Grade VI Elementary School Students.* Thesis, Elementary Education, Postgraduate Program, Ganesha University of Education.

This thesis has been approved and reviewed by Supervisor I: Prof. Dr.Ida Bagus Putu Arnyana, M.Si. and Supervisor II: Prof. Dr. I Ketut Gading, M.Psi.

Keywords: Earth Rotation and Revolution, Guided Inquiry, Interactive Learning Multimedia,

The purpose of the study was to analyze the validity, practicality, and effectiveness of interactive multimedia based on guided inquiry on the material of the rotation and revolution of the earth in improving learning outcomes of grade VI elementary school. The design used in this development is the ADDIE model. The results of the study showed (1) the validity test conducted by material and media experts obtained a score of 85.26% and 90.00%, which means that the development of media reviewed from the use of materials and media has a valid category; (2) the practicality test was conducted by 2 teachers and 6 students with consecutive scores of 96.36% and 95.45%, which means it has a very practical category; and (3) the effectiveness test was conducted with 60 students by obtaining a pretest and posttest in sequence of 56.0 and 75.00 with moderate criteria indicating that this interactive learning multimedia is effective. Meanwhile, the t-count was 13.222 and the t table was 2.002, so the conclusion was that H1 was accepted. For the effect size, it was obtained 260% with high criteria. Thus, it can be concluded that interactive learning multimedia based on guided inquiry on the material of earth rotation and revolution is effective, practical, and valid in the learning outcomes of grade VI of elementary school.