

ABSTRAK

Lusi Antari, Putu. (2023). *Pengembangan Modul Elektronik Berbasis Project Based Learning Pada Pembelajaran IPAS Untuk Meningkatkan Hasil Belajar Siswa Kelas IV SD*. Tesis, Pendidikan Dasar, Pascasarjana, Universitas Pendidikan Ganesha.

Tesis ini telah disetujui dan diperiksa oleh Pembimbing I: Prof. Dr. I Wayan Widiana, S.Pd.,M.Pd dan Pembimbing II: Dr. I Made Citra Wibawa, S.Pd., M.Pd.

Kata kunci: e-modul, pjbl, pembelajaran ipas, hasil belajar, ADDIE.

Penelitian ini bertujuan untuk (1) menghasilkan E-modul Berbasis *Project Based Learning* pada pembelajaran IPAS untuk meningkatkan hasil belajar siswa kelas IV SD; (2) menganalisis validitas E-modul berbasis *Project Based Learning* pada pembelajaran IPAS siswa kelas IV SD; (3) menganalisis tingkat kepraktisan -modul berbasis *Project Based Learning* pada pembelajaran IPAS siswa kelas IV SD; dan (4) menganalisis efektivitas penggunaan E-modul berbasis *Project Based Learning* pada pembelajaran IPAS terhadap peningkatan hasil belajar siswa kelas IV SD. Penelitian ini merupakan penelitian pengembangan dengan model ADDIE. Subjek penelitian ini terdiri atas 2 ahli materi, media, bahasa, siswa kelas IV sebanyak 32 orang, dan 6 orang guru. Data dikumpulkan melalui metode kuesioner dan tes. Instrumen penelitian ini meliputi lembar kuesioner validitas dan kepraktisan, serta tes hasil belajar IPAS. Hasil penelitian menunjukkan bahwa (1) E-modul berbasis *Project Based Learning* (PjBL) telah berbentuk PDF dengan 56 halaman; (2) Validitas E-modul berbasis PjBL ini terbukti valid dengan persentase ahli materi sebesar 97,00%, validitas ahli media yaitu 94,00%, serta validitas ahli bahasa sebesar 98,00% pada kategori Sangat Valid. (3) Kepraktisan E-Modul Berbasis PjBL pada pembelajaran IPAS ini memperoleh persentase oleh praktisi guru sebesar 94,76% serta kepraktisan oleh siswa sebesar 92,80% pada kategori Sangat Praktis dan Menarik. (4) E-modul berbasis *Project Based Learning* (PjBL) efektif meningkatkan hasil belajar IPAS siswa kelas IV SD dengan rata-rata hasil belajar sebesar 81,94. Oleh karena itu, dapat disimpulkan bahwa modul elektronik berbasis *Project Based Learning* yang dikembangkan telah valid, praktis, dan efektif untuk meningkatkan hasil belajar IPAS pada siswa kelas IV SD.

ABSTRACT

Lusi Antari, Putu. (2023). *Development of Electronic Modules Based on Project Based Learning in Science Learning to Improve Learning Outcomes of Grade IV of Elementary Students*. Thesis, Elementary Education, Postgraduate, Ganesha University of Education.

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Keywords: e-module, pjbl, science learning, learning outcomes, ADDIE.

This study aimed to (1) produce Project Based Learning E-modules in science learning to improve learning outcomes for fourth grade of elementary school students; (2) evaluate the validity of E-module based on Project Based Learning in science learning for fourth grade elementary school students; (3) evaluate the level of practicality-modules based on Project Based Learning in science learning for fourth grade elementary school students; and (4) evaluate the effectiveness of the use of Project Based Learning E-modules in science learning to improve learning outcomes for fourth grade elementary school students. The study employed a development research using the ADDIE model. The subjects of this study consisted of 2 material, media, language experts, 76 grade IV students, and 6 teachers. The data were collected through questionnaires and tests. The research instruments included validity and practicality questionnaire sheets, as well as science learning outcomes tests. The results showed that (1) the Project Based Learning (PjBL) E-module was in the form of a PDF with 56 pages; (2) The validity of this PjBL-based E-module is proven to be valid with a percentage of material experts of 97.00%, the validity of media experts is 94.00%, and the validity of linguists is 98.00% in the Very Valid category. (3) Practicality of PjBL-based E-Modules in science learning obtained a percentage of teacher practitioners at 94.76% and practicality by students at 92.80% in the Very Practical and Interesting category. (4) E-modules based on Project Based Learning (PjBL) are effective in increasing the science learning outcomes of fourth grade elementary school students with an average learning result of 81.94. Therefore, it can be concluded that the electronic module based on Project Based Learning that has been developed is valid, practical, and effective for improving science learning outcomes in fourth grade elementary school students.