PENGEMBANGAN E-MODUL BERPENDEKATAN *PROBLEM BASED LEARNING* PADA MUATAN PELAJARAN IPAS KELAS IV SD NEGERI 1 PENARUKAN TAHUN PELAJARAN 2023/2024
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ABSTRAK

Penelitian ini bertujuan untuk: (1) untuk mendeskripsikan rancang bangun pengembangan E-modul berpendekatan *Problem Based Learning* pada muatan pelajaran IPAS kelas IV SD N 1 Penarukan, (2) untuk mengetahui hasil validitas pengembangan e-modul berpendekatan *Problem Based Learning* pada muatan pelajaran IPAS kelas IV SD N 1 Penarukan, (3) untuk mengetahui efektivitas pengembangan e-modul berpendekatan *Problem Based Learning* pada muatan pelajaran IPAS kelas IV SD N 1 Penarukan. Penelitian ini termasuk jenis penelitian dan pengembangan dengan R&D yaitu dengan model pengembangan ADDIE yaitu *analyze, design, development, implementation,* dan *evaluation*. Metode dan instrumen pengumpulan data yang digunakan dalam penelitian ini yaitu metode kuesioner dan tes objektif berupa pilihan ganda. Hasil penelitian ini menunjukkan bahwa (1) Rancang bangun *E-modul* berpendekatan *Problem Based Learning* dengan model ADDIE meliputi lima tahapan: (a) analisis (*analyze*), (b) perancangan (*design*), (c) pengembangan (*development*), (d) implementasi (*implementation*), dan (e) evaluasi (*evaluation*). (2) E-modul berpendekatan *Problem Based Learning* valid dengan: (a) hasil *review* ahli isi pembelajaran yaitu 98,8% dengan kualifikasi sangat baik, (b) hasil *review* ahli desain pembelajaran yaitu 92% dengan kualifikasi sangat baik, (c) hasil *review* ahli media pembelajaran yaitu 95% dengan kualifikasi sangat baik, (d) hasil uji perorangan yaitu 96,8% dengan kualifikasi sangat baik, dan (e) hasil uji kelompok kecil yaitu 96,5% dengan kualifikasi sangat baik. (3) pengembangan E-modul berpendekatan *Problem Based Learning* yang dikembangkan efektif dan layak digunakan bagi siswa kelas IV di SD Negeri 1 Penarukan.

Kata Kunci: pengembangan, e-modul*,* pendekatan *problem based learning,* IPAS

ABSTRACT

This research aims to: (1) to describe the design and development of an E-module using a Problem Based Learning approach to the content of the fourth grade science and science class at SD N 1 Penarukan, (2) to determine the validity of the development of an e-module using a Problem Based Learning approach to the content of the science and science lesson. class IV of SD N 1 Penarukan, (3) to determine the effectiveness of developing e-modules using a Problem Based Learning approach on the content of science and science lessons for class IV of SD N 1 Penarukan. This research is a type of research and development with R&D, namely the ADDIE development model, namely analyze, design, development, implementation and evaluation. The data collection methods and instruments used in this research are questionnaire methods and objective tests in the form of multiple choices. The results of this research show that (1) The design of the E-module using the Problem Based Learning approach with the ADDIE model includes five stages: (a) analysis, (b) design, (c) development, (d) implementation, and (e) evaluation. (2) The E-module using the Problem Based Learning approach is valid with: (a) the results of the review of learning content experts, namely 98.8% with very good qualifications, (b) the results of the review of learning design experts, namely 92% with very good qualifications, (c) the results of the learning media expert review were 95% with very good qualifications, (d) individual test results were 96.8% with very good qualifications, and (e) small group test results were 96.5% with very good qualifications. (3) development of an E-module using a Problem Based Learning approach which was developed to be effective and suitable for use for class IV students at SD Negeri 1 Penarukan.

Keywords*: development, e-module, problem based learning approach, IPAS*