

**PENGEMBANGAN *E-MODUL* BERBASIS INKUIRI
PADA MUATAN ILMU PENGETAHUAN ALAM
TEMA 5 SUBTEMA 2 KELAS V SD NEGERI 1
KAYUBIHI TAHUN AJARAN 2021/2022**

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ABSTRAK

Penelitian ini bertujuan untuk (1) mengetahui rancang bangun *e-modul* berbasis inkuiri pada muatan IPA tema 5 subtema 2 kelas V sekolah dasar, (2) untuk mengetahui validitas *e-modul* berbasis inkuiri pada muatan IPA tema 5 subtema 2 kelas V sekolah dasar, (3) untuk mengetahui efektivitas *e-modul* berbasis inkuiri pada muatan IPA tema 5 subtema 2 kelas V sekolah dasar. Penelitian ini merupakan penelitian pengembangan dengan menggunakan model ADDIE (*analyze, design, development, implementation, evaluation*). Data pada penelitian ini dikumpulkan menggunakan metode wawancara, observasi, kuesioner, dan tes yang dianalisis secara deskriptif kuantitatif, deskriptif kualitatif, statistik deskriptif serta statistik inferensial. Hasil penelitian ini berupa (1) rancang bangun *e-modul* berbasis inkuiri pada muatan IPA tema 5 subtema 2 kelas V sekolah dasar yang perancangannya melalui beberapa tahapan yaitu tahap analisis, desain, pengembangan, implementasi, evaluasi. (2) *e-modul* berbasis inkuiri pada muatan IPA tema 5 subtema 2 kelas V sekolah dasar dinyatakan layak berdasarkan hasil uji ahli isi mata pelajaran sebesar 98,52%, uji ahli desain pembelajaran sebesar 94,65%, uji ahli media pembelajaran 95,30%, uji coba perorangan sebesar 92,50%, uji coba kelompok kecil 90,55%, dan hasil uji coba lapangan 90,50% yang berarti keseluruhan presentase skornya menunjukkan kualifikasi sangat baik. (3) berdasarkan hasil uji non parametrik Wilcoxon berbantuan SPSS 17.0 diperoleh hasil nilai Asymp. Sig (2 tailed) = 0,000 < 0,05 sehingga H_0 ditolak dan H_1 diterima. Maka dapat disimpulkan bahwa *e-modul* berbasis inkuiri efektif diterapkan pada muatan IPA tema 5 subtema 2 kelas V SD Negeri 1 Kayubih Tahun Ajaran 2021/2022.

Kata kunci: pengembangan, *e-modul*, inkuiri, IPA

**DEVELOPMENT OF INQUIRY-BASED E-MODULES ON NATURAL
SCIENCE CONTENT THEME 5 SUBTEMA 2 CLASS V SD NEGERI 1
KAYUBIHI ACADEMIC YEAR 2021/2022**

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ABSTRACT

This study aims to (1) determine the design of inquiry-based e-modules on the content of science theme 5 sub-theme 2 grade V elementary school, (2) to determine the validity of inquiry-based e-modules on the content of science theme 5 sub-theme 2 grade V elementary school, (3) to determine the effectiveness of inquiry-based e-modules on the content of science theme 5 sub-theme 2 grade V elementary school. This research is a development research using the ADDIE model (analyze, design, development, implementation, evaluation). The data in this study were collected using interviews, observations, questionnaires, and tests which were analyzed descriptively quantitatively, descriptively qualitatively, descriptive statistics and inferential statistics. The results of this study are (1) the design of an inquiry-based e-module on the content of science theme 5 sub-theme 2 grade V elementary school whose design goes through several stages, namely the analysis, design, development, implementation, evaluation stages. (2) inquiry-based e-modules on the content of science theme 5 sub-theme 2 grade V elementary school were declared eligible based on the results of the subject content expert test of 98.52%, the learning design expert test of 94.65%, the learning media expert test 95, 30%, individual trials of 92.50%, small group trials of 90.55%, and the results of field trials of 90.50% which means that the overall score percentage shows very good qualifications. (3) based on the results of the non-parametric Wilcoxon test assisted by SPSS 17.0, the results of the Asymp value were obtained. Sig (2 tailed) = 0.000 < 0.05 so H₀ is rejected and H₁ is accepted. So it can be concluded that the inquiry-based e-module is effectively applied to the content of science theme 5 sub-theme 2 class V SD Negeri 1 Kayubih for the 2021/2022 academic year.

Keywords: *development, e-module, inquiry, science*