

ABSTRAK

PENGEMBANGAN MODUL PEMBELAJARAN BERBASIS HOTS PADA MATERI SUMBER DAYA ALAM HAYATI DAN NON-HAYATI KELAS IV SEKOLAH DASAR

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2024

Penelitian ini dilatarbelakangi oleh bahan ajar yang masih terbatas dan belum dapat mengembangkan kemampuan berpikir tingkat tinggi peserta didik. Penelitian ini bertujuan mengembangkan modul pembelajaran IPA berbasis HOTS pada materi sumber daya alam hayati dan non-hayati untuk peserta didik kelas IV sekolah dasar.

Jenis penelitian menggunakan *Research and Development* (R&D) dengan model pengembangan ADDIE yang terdiri dari analisis (*analyze*), perancangan (*design*), pengembangan (*development*), implementasi (*implementation*), dan evaluasi (*evaluation*). Teknik pengumpulan data yang digunakan yakni wawancara, tes, dan kuesioner. Teknik analisis data yang digunakan adalah teknik analisis data kualitatif dan data kuantitatif.

Hasil penelitian menunjukkan bahwa kualitas modul pembelajaran berdasarkan hasil validasi oleh 3 validator ahli termasuk dalam kategori “sangat baik” dengan rata-rata skor sebesar 3,68. Kualitas modul pembelajaran berdasarkan hasil kuesioner validasi peserta didik terhadap produk modul pembelajaran berbasis HOTS termasuk dalam kategori “sangat baik” dengan rata-rata skor sebesar 3,27. Uji coba dilakukan pada kelas IV SD yang berjumlah 11 peserta didik menunjukkan bahwa nilai rata-rata *pre-test* sebesar 50,9 dan nilai rata-rata *post-test* sebesar 96,8 sehingga rata-rata nilai peserta didik mengalami perubahan sebesar 45,9 dengan persentase sebesar 90,17%.

Kata kunci: penelitian dan pengembangan, modul pembelajaran IPA berbasis HOTS, sumber daya alam hayati dan non-hayati

ABSTRACT

***THE DEVELOPMENT OF A HOTS-BASED SCIENCE MODULE
ON LIVING AND NON-LIVING NATURAL RESOURCES MATERIAL
FOR ELEMENTARY SCHOOL GRADE IV***

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This research is motivated by teaching materials that are still limited and do not yet develop students to think at a higher level. This research aims to develop a HOTS-based science learning module on biological and non-biological natural resource material for fourth grade elementary school students.

This type of research uses Research and Development (R&D) with the ADDIE development model which consists of analysis, design, development, implementation and evaluation. The data collection techniques used were interviews, tests and questionnaires. The data analysis techniques used are qualitative data analysis techniques and quantitative data.

The research results show that the quality of the learning module based on validation results by 3 expert validators is included in the "very good" category with an average score of 3.68. The quality of the learning modules based on the results of student validation questionnaires for HOTS-based learning module products is included in the "very good" category with an average score of 3.27. Trials carried out on class IV elementary school, totaling 11 students, showed that the average pre-test score was 50.9 and the average post-test score was 96.8 so that the average student score experienced a change of 45.9. with a percentage of 90.17%.

Key Words: *Research and developments, HOTS-based science learning module, biological and non-biological natural resources.*