ABSTRAK

PENGEMBANGAN MODUL PEMBELAJARAN IPA BERBASIS HOTS
PADA MATERI PELESTARIAN MAKHLUK HIDUP
KELAS V SEKOLAH DASAR

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Penelitian ini dilatarbelakangi oleh kurangnya bahan ajar yang menarik, kreatif, inovatif, efektif dan komprehensif yang dapat memfasilitasi kemampuan berpikir tingkat tinggi (HOTS) siswa terutama pada pembelajaran IPA materi pelestarian makhluk hidup. Tujuan dari penelitian ini yaitu untuk mengembangkan dan mendeskripsikan kualitas modul pembelajaran berbasis HOTS pada materi pelestarian makhluk hidup.

Penelitian ini menggunakan jenis penelitian *research* and *development* (R&D). Prosedur pengembangan terdapat lima tahapan yaitu (1) *Analyze*, (2) *Design*, (3) *Development*, (4) *Implementatio*n, (5) *Evaluation*. Teknik pengumpulan data yang digunakan dalam penelitian adalah wawancara, kuesioner, dan tes. Teknik analisis data yang digunakan dalam penelitian ini yaitu teknik analisis data kualitatif dan teknik analisis data kuantitatif.

Hasil penelitian ini menunjukkan kualitas modul pembelajaran IPA berbasis HOTS pada materi pelestarian makhluk hidup kelas V sekolah dasar termasuk dalam kategori "sangat baik" dengan skor rata-rata 3,5 dari skor maksimal 4, berdasarkan hasil dari kuesioner tanggapan siswa masuk dalam kategori "sangat baik" dengan skor rata-rata 3,80 dari skor maksimal 4. Uji coba produk dilakukan oleh 14 siswa dengan rata-rata *pretest* 38,5 dan *posttest* 61,3 dengan persentase kenaikan 45,7%. Berdasarkan dari hasil tersebut, menunjukkan bahwa modul pembelajaran IPA berbasis HOTS pada materi pelestarian makhluk hidup kelas V sekolah dasar yang dikembangkan layak digunakan dan dapat membantu siswa memahami materi pelestarian makhluk hidup.

Kata kunci: penelitian dan pengembangan, modul pembelajaran IPA, pelestarian makhluk hidup, HOTS.

ABSTRACT

DEVELOPMENT OF HOTS-BASED SCIENCE LEARNING MODULE ON PRESERVATION OF LIVING THINGS MATERIALS OF GRADE V ELEMENTARY SCHOOL

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This research was motivated by the lack of interesting, creative, innovative, effective and comprehensive teaching materials that can facilitate students high level thinking abilities (HOTS), especially in science learning material on the preservation of living things. The aim of this research is to develop and describe the quality of HOTS-based learning module on the subject of preserving living things.

This research uses research and development (R&D) research. There are five stages in the development procedure, namely (1) Analyze, (2) Design, (3) Development, (4) Implementation, (5) Evaluation. Data collection techniques used in research are interviews, questionnaires and tests. The data analysis techniques used in this research are qualitative data analysis techniques and quantitative data analysis techniques.

The results of this research show that the quality of the HOTS-based science learning module in the material for preserving living things in class V elementary school is in the "very good" category with an average score of 3.5 out of a maximum score of 4, based on the results of the student response questionnaire it is in the "very good" category. good" with an average score of 3.80 out of a maximum score of 4. Product trials were carried out by 14 students with an average pretest of 38.5 and posttest of 61.3 with a percentage increase of 45.7%. Based on these results, it shows that the HOTS-based science learning module on the material on preserving living things for class V elementary school which was developed is suitable for use and can help students understand the material on preserving living things.

Key words: research and development, science learning module, conservation of living things, HOTS.