

ABSTRAK

PENGEMBANGAN PERANGKAT PEMBELAJARAN IPA DENGAN MODEL *PROBLEM BASED LEARNING* (PBL) MATERI SIKLUS HIDUP HEWAN KELAS IV SD

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2023

Penelitian dilatarbelakangi adanya kebutuhan guru mengenai perangkat pembelajaran dengan menggunakan model pembelajaran inovatif pada materi siklus hidup hewan. Penelitian ini bertujuan untuk 1) Memaparkan pengembangan produk perangkat pembelajaran IPA dengan model *Problem Based Learning* (PBL) materi siklus hidup hewan kelas IV SD; 2) Mendeskripsikan kualitas pengembangan produk perangkat pembelajaran IPA dengan model *Problem Based Learning* (PBL) materi siklus hidup hewan kelas IV SD.

Jenis penelitian adalah *Research and Development* (R&D) dengan model pengembangan ADDIE. Subjek penelitian yaitu siswa kelas IV SD. Objek penelitian yaitu pengembangan produk perangkat pembelajaran materi siklus hidup hewan pada tema 6 subtema 1 kelas IV SD. Teknik pengumpulan data diperoleh dengan instrumen penelitian berupa pedoman wawancara, lembar kuesioner, dan tes. Teknik analisis data penelitian yaitu data kualitatif dan kuantitatif.

Hasil penelitian ini menunjukkan 1) pengembangan perangkat pembelajaran sesuai tahapan model ADDIE yaitu: analisis (*Analyze*), perancangan (*Design*), pengembangan (*Develop*), implementasi (*Implement*), dan evaluasi (*Evaluate*). 2) Kualitas perangkat pembelajaran berdasarkan hasil validasi memperoleh nilai serta kategori yaitu: a) RPP memperoleh nilai rerata 3,35 dengan kategori "Sangat Baik", b) Bahan ajar memperoleh nilai rerata 3,19 dengan kategori "Baik", c) Media pembelajaran memperoleh nilai rerata 3,25 dengan kategori "Baik", d) LKPD memperoleh nilai rerata 3,31 dengan kategori "Sangat Baik", e) Penilaian memperoleh nilai rerata 3,06 dengan kategori "Baik".

Kata Kunci: Perangkat pembelajaran, model pembelajaran PBL, IPA, materi siklus hidup hewan.

ABSTRACT

**DEVELOPMENT OF SCIENCE LEARNING DEVICES
WITH PROBLEM BASED LEARNING (PBL) MODELS
OF ANIMAL LIFE CYCLE MATERIALS FOR CLASS IV SD**

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The research is motivated by the teacher's need for learning tools using innovative learning models on animal life cycle material. This study aims to 1) Describe the product development of science learning tools with the Problem Based Learning (PBL) model of animal life cycle material for class IV SD; 2) Describe the quality of the product development of science learning tools with the Problem Based Learning (PBL) model of animal life cycle material for class IV elementary school.

This type of research is Research and Development (R&D) with the ADDIE development model. The research subjects were fourth grade elementary school students. The object of research is product development of learning materials for animal life cycle material on the theme of 6 sub-themes 1 class IV elementary school. Data collection techniques were obtained using research instruments in the form of interview guides, questionnaires, and tests. Research data analysis techniques, namely qualitative and quantitative data.

The results of this study indicate 1) the development of learning tools according to the stages of the ADDIE model, namely: Analyze, Design, Develop, Implement, and Evaluate. 2) The quality of learning tools based on validation results obtains values and categories, namely: a) Lesson Plans obtain an average value of 3.35 in the "Very Good" category, b) Teaching materials obtain an average value of 3.19 in the "Good" category, c) Learning media gets an average score of 3.25 in the "Good" category, d) LKPD gets an average score of 3.31 in the "Very Good" category, e) Assessment gets an average score of 3.06 in the "Good" category.

Keywords: *learning tools, PBL learning model, science, animal life cycle material.*