

ABSTRAK

PENGEMBANGAN PERANGKAT PEMBELAJARAN TEMATIK MODEL *PROJECT BASED LEARNING* MATERI ORGAN PEREDARAN DARAH KELAS V SEKOLAH DASAR

Maria Mellanie Rosari Chandra
Universitas Sanata Dharma
2022

Penelitian ini dilatarbelakangi oleh kepentingan ketersediaan perangkat pembelajaran tematik dengan model inovatif. Penelitian ini bertujuan untuk (1) mengembangkan perangkat pembelajaran tematik model *Project Based Learning* materi organ peredaran darah siswa kelas V Sekolah Dasar, (2) mengetahui kualitas perangkat pembelajaran Tematik model *Project Based Learning* materi organ peredaran darah siswa kelas V Sekolah Dasar dan (3) mengetahui hasil implementasi perangkat pembelajaran tematik model *Project Based Learning* materi organ peredaran darah siswa kelas V Sekolah Dasar.

Penelitian ini dilakukan dengan metode penelitian dan pengembangan (R&D) tipe ADDIE. Subjek penelitian ini adalah ahli pembelajaran IPA, siswa dan guru kelas V Sekolah Dasar. Objek penelitian ini adalah perangkat pembelajaran tematik model *Project Based Learning* materi organ peredaran darah. Pengumpulan data pada penelitian ini menggunakan teknik non tes yang meliputi wawancara, kuesioner, dan studi dokumentasi serta teknik tes. Instrumen penelitian yang digunakan meliputi pedoman wawancara, kuesioner, dan daftar *checklist* serta teknik tes. Teknik analisis data yang digunakan yaitu kualitatif dan kuantitatif berdasarkan lima langkah pengembangan model ADDIE.

Hasil penelitian ini menunjukkan 1) Perangkat pembelajaran tematik yang dikembangkan sesuai dengan langkah-langkah model ADDIE yang terdiri dari *Analyze*, *Design*, *Develop*, *Implement*, dan *Evaluate*. 2) Kualitas perangkat pembelajaran tematik berdasarkan hasil validasi oleh satu ahli pembelajaran IPA dan satu guru kelas V SD menggunakan skala 1-4 secara keseluruhan memperoleh rata-rata skor sebesar 3,78 dengan kategori “Sangat Baik”. Sedangkan hasil kuesioner tentang hasil implementasi penerapan perangkat pembelajaran tematik model *Project Based Learning* materi organ peredaran darah pada siswa kelas V Sekolah Dasar memperoleh rata-rata skor sebesar 3,00 dengan kategori “Baik”.

Kata Kunci: penelitian dan pengembangan, perangkat pembelajaran tematik, model *Project Based Learning*, materi organ peredaran darah.

ABSTRACT

DEVELOPMENT OF THEMATIC LEARNING DEVICE MODEL PROJECT BASED LEARNING MATERIAL CIRCULATORY ORGANS CLASS V ELEMENTARY SCHOOL

Maria Mellanie Rosari Chandra
Sanata Dharma University
2022

This research is motivated by the importance of the availability of thematic learning tools with innovative models. This study aims to (1) develop Project Based Learning material of circulatory organs for fifth grade elementary school students, (2) determine the quality of Project Based Learning thematic learning tools for fifth grade elementary school students, and (3) knowing the results of the implementation of the thematic learning model Project Based Learning on the material of circulatory organs for fifth grade elementary school students.

This research was conducted using the ADDIE type of research and development (R&D) method. The subjects of this study were science learning experts, students and teachers of class V Elementary School. The object of this research is a thematic learning device with a Project Based Learning for blood circulation organs. Data collection in this study used non-test techniques which included interviews, questionnaires, and documentation studies as well as test techniques. The research instruments used include interview guidelines, questionnaires, and checklists and test techniques. The data analysis technique used is qualitative and quantitative based on the five steps of ADDIE model development.

The results of this study show 1) The thematic learning tools were developed according to the steps of the ADDIE model consisting of Analyze, Design, Develop, Implement, and Evaluate. 2) The quality of thematic learning tools based on the results of validation by one science learning expert and one fifth grade elementary school teacher using a scale of 1-4 overall obtained an average score of 3.78 with the "Very Good" category. While the results of the questionnaire on the results of the implementation of the thematic learning tools using the Project Based Learning for the material of blood circulation organs in fifth grade elementary school students obtained an average score of 3.00 with the "Good" category.

Keywords: research and development, thematic learning tools, Project Based Learning models, material for circulatory organs.