ABSTRAK
PENGEMBANGAN BUKU AJAR BERBASIS PROBLEM BASED LEARNING DENGAN
MEDIA DIGITAL WEBSITE UNTUK SISWA KELAS V SD
Vega Sanrisa Winasti
Universitas Sanata Dharma
2021

Penelitian ini dilatarbelakangi oleh adanya kebutuhan pengembangan buku ajar dengan menggunakan media digital berbasis model pembelajaran Problem Based Learning. Tujuan penelitian ini: (1) Untuk mengembangkan buku ajar tema 5 subtema 1 berbasis Problem Based Learning dengan media digital website untuk siswa kelas V SD; (2) Mengetahui kualitas buku ajar berbasis problem based learning dengan media digital website. Produk yang dikembangan adalah Buku ajar berbasis problem based learning dengan media digital website.

Jenis penelitian ini adalah Penelitian dan Pengembangan (R&D). Peneliti menggunakan 7 dari 10 langkah dalam prosedur pengembangan yang dikemukakan oleh Sugiyono yang diadopsi dari desain R&D Borg and Gall (2012:409). Subjek penelitian ini adalah 1 guru kelas 5 SDK K, 1 dosen PGSD, 2 guru kelas 5 SD lain, dan 4 siswa kelas 5 dari beberapa SD. Objek dalam penelitian ini adalah buku ajar kurikulum 2013. Teknik pengumpulan data menggunakan wawancara, observasi, dan angket. Instrumen yang digunakan yaitu lembar kuesioner dan lembar wawancara. Penelitian ini menggunakan teknik analisis data kuantitatif dan kualitatif.

Prosedur pengembangan yang telah dilakukan yakni: 1) Menggali potensi dan permasalahan, (2) Mengumpulkan informasi dan studi literatur, (3) Mendesain produk yang akan dihasilkan, (4) Memvalidasi desain, (5) Merevisi desain, (6) Menguji coba produk, dan (7) Merevisi produk. Dari hasil validasi produk pengembangan buku ajar guru oleh validator ahli 1(dosen), validator ahli 2 (guru 1), dan validator ahli 3 (guru 2) diperoleh skor rata-rata 4,2 (sangat baik) dan buku ajar siswa oleh validator ahli 1(dosen), validator ahli 2 (guru 1), dan validator ahli 3 (guru 2) diperoleh skor rata-rata 4,3 (sangat baik). Hasil ujicoba dengan 4 siswa SD kelas 5 mendapatkan skor rata-rata 4,46 (sangat baik). Hal tersebut menunjukkan bahwa pengembangan buku ajar guru dan buku ajar siswa tema 5 subtema 1 berbasis Problem Based Learning dengan media digital website untuk siswa kelas V SD layak digunakan sebagai sumber belajar tambahan di sekolah.

Kata Kunci: Buku Ajar Guru dan Buku Ajar Siswa, Penelitian dan Pengembangan, Model Pembelajaran Problem Based Learning, dan Media Digital

ABSTRACT

DEVELOPMENT OF TEACHING BOOKS BASED ON PROBLEM BASED LEARNING
USING DIGITAL WEBSITE MEDIA FOR STUDENT OF CLASS V PRIMARY SCHOOL

Vega Sanrisa Winasti

Universitas Sanata Dharma

2021

This research is motivated by the need for the development of textbooks using digital media based on the Problem Based Learning model. The objectives of this study: (1) To develop a textbook with 5 subtheme 1 themes based on Problem Based Learning with a digital media website for fifth grade elementary school students; (2) Knowing the quality of textbooks based on problem based learning with digital media websites. The product being developed is a problem-based learning textbook with a digital media website.

This type of research is Research and Development (R&D). The researcher used 7 out of 10 steps in the development procedure proposed by Sugiyono which was adopted from the Borg and Gall R&D design. The subjects of this study were 1 grade 5 teacher at SDK K, 1 PGSD lecturer, 2 grade 5 teachers from other elementary schools, and 4 grade 5 students from several elementary schools. The object of this research is the 2013 curriculum textbook. Data collection techniques used interviews, observations, and questionnaires. The instruments used are questionnaire sheets and interview sheets. This study uses quantitative and qualitative data analysis techniques.

The development procedures that have been carried out are: 1) Exploring potentials and problems, (2) Collecting information and literature studies, (3) Designing the product to be produced, (4) Validating the design, (5) Revising the design, (6) Testing the product, and (7) Revise the product. From the results of product validation of teacher textbook development by expert validator 1 (lecturer), expert validator 2 (teacher 1), and expert validator 3 (teacher 2), it was obtained an average score of 4.2 (very good) and student textbooks by validator expert 1 (lecturer), expert validator 2 (teacher 1), and expert validator 3 (teacher 2) obtained an average score of 4.3 (very good). The results of the trial with 4 5th grade elementary school students got an average score of 4.46 (very good). This shows that the development of teacher textbooks and student textbooks with theme 5 sub-theme 1 based on Problem Based Learning with digital media websites for fifth grade elementary school students is appropriate to be used as an additional learning resource in schools.

Keywords: Teacher's Textbook and Student's Textbook, Research and Development, Problem Based Learning Model, and Digital Media