

ABSTRAK

PENGEMBANGAN MEDIA PEMBELAJARAN BUKU ENSIKLOPEDIA SISTEM GERAK TUBUH MANUSIA

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Penelitian ini dilatarbelakangi oleh ketersediaan dan penggunaan media pembelajaran IPA yang masih terbatas di sekolah dasar wilayah kecamatan Jogonalan. Akibatnya banyak siswa yang mengalami kesulitan dalam memahami dan mengerjakan soal IPA. Penelitian ini bertujuan untuk (1) mendeskripsikan prosedur pengembangan media pembelajaran buku ensiklopedia sistem gerak tubuh manusia; (2) mendeskripsikan kualitas media pembelajaran buku ensiklopedia sistem gerak tubuh manusia.

Jenis penelitian ini adalah penelitian dan pengembangan (R&D). Subjek dalam penelitian ini adalah 10 siswa kelas V SD N Sumyang, Jogonalan tahun ajaran 2018/2019. Objek penelitian adalah media pembelajaran IPA berupa buku ensiklopedia. Instrumen penelitian yang digunakan adalah pedoman observasi, pedoman wawancara, kuesioner, dan soal tes. Teknik analisis data menggunakan analisis data kuantitatif dan kualitatif.

Hasil penelitian menunjukkan bahwa (1) prosedur penelitian dan pengembangan media pembelajaran buku ensiklopedia sistem gerak tubuh manusia disusun ke dalam lima tahap, yaitu penelitian dan pengumpulan informasi/analisis kebutuhan, penyusunan rencana & desain produk, validasi produk, revisi produk, dan uji lapangan terbatas; (2) kualitas media pembelajaran buku ensiklopedia sistem gerak tubuh manusia adalah sangat baik dengan perolehan rerata skor validasi produk sebesar 3,41. Nilai yang diperoleh siswa pada uji coba lapangan terbatas menunjukkan nilai *posttest* lebih tinggi daripada nilai *pretest* dengan selisih rerata skor sebesar 34. Dengan demikian, dapat disimpulkan bahwa media pembelajaran buku ensiklopedia sistem gerak tubuh manusia memiliki kualitas sangat baik dan dapat membantu kesulitan siswa dalam memahami dan mengerjakan soal IPA materi sistem gerak tubuh manusia.

Kata kunci: penelitian dan pengembangan, media pembelajaran, IPA, buku ensiklopedia, sistem gerak tubuh manusia.

ABSTRACT

DEVELOPMENT OF ENCYCLOPEDIA BOOK LEARNING MEDIA OF HUMAN'S BODY MOTION SYSTEM

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The background of this research is unavailable and usage of the natural science learning lesson which is still limited in the school of the regional of Jogonalan sub district. As the result, there are many students experience the difficulty in understanding and doing natural science question. This research is to (1)describing procedure of the development of encyclopedia book learning media of human's body motion system; (2) describing the quality of the development of encyclopedia book learning media of human's body motion system.

This research was research and development (R&D). The subject of this research was 10 students of 5 grades Sumyang's primary school, Jogonalan 2018/2019. The research object was a natural science learning media; an encyclopedia book. The instruments of the research used were observation guideline, interview guideline, questioner, and test question. The data analysis techniques used were quantitative and qualitative data analysis.

The result of the research showed that (1) the research procedure and development of encyclopedia book learning media of human's body motion system was arranged into five steps, the first step was research and collection's information; second was planning's arrangement and design of product; third validation of product; fourth revision of product; and the last step is limited field test;(2) The quality of encyclopedia book learning media of human's body motion system was very good by obtaining the average of validity score of product for 3,41. The score obtained by student in limited field trial showed that the posttest score was higher than pretest by difference of average score for 34. Based on the analysis, it can be concluded that development of encyclopedia book learning media of human's body motion system had very good quality and could help difficulty of student in understanding and doing natural science test material of human's body motion system.

Keyword: research and development, learning media, natural science, encyclopedia book, human's body motion system