

ABSTRAK**PENGEMBANGAN ENSIKLOPEDIA IPA MATERI SISTEM
PENCERNAAN PADA MANUSIA UNTUK SISWA KELAS V SEKOLAH
DASAR**

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Penelitian ini dilakukan berdasarkan adanya analisis kebutuhan yang menunjukkan bahwa perlunya bahan ajar “ Ensiklopedia” Ilmu Pengetahuan Alam (IPA) materi sistem pencernaan pada manusia untuk siswa sekolah dasar. Tujuan utama penelitian ini adalah mengembangkan produk ensiklopedia IPA materi sistem pencernaan pada manusia untuk siswa kelas V Sekolah Dasar serta mengetahui kualitas produk ensiklopedia IPA.

Jenis penelitian yang digunakan adalah Research and Development (R&D). Prosedur pengembangan lima langkah ADDIE yaitu (1) *Analyze*; (2) *Design*; (3) *Development*; (4) *Implementation*; (5) *Evaluation*. Teknik pengumpulan data yang digunakan yaitu wawancara, kuesioner, dan tes. Teknik analisis data yang digunakan yaitu teknik analisis data kualitatif dan kuantitatif.

Hasil penelitian menunjukkan rerata skor validasi dari 1 orang dosen IPA, 2 orang guru kelas V Sekolah Dasar, dan 4 orang siswa kelas V Sekolah Dasar adalah 3,99 dengan kategori “baik”. Hasil uji coba produk kepada siswa diperoleh rerata *pre-test* dan *post-test* yang menunjukkan peningkatan pada nilai dengan presentase 21,25%. Dilihat berdasarkan rerata nilai *pre-test* yang diperoleh adalah 65, sedangkan nilai *post-test* yang diperoleh 86,35.

Kata kunci: Penelitian dan pengembangan, ensiklopedia, sistem pencernaan pada manusia.

ABSTRACT

DEVELOPMENT OF SCIENCE ENCYCLOPEDIA ON HUMAN DIGESTIVE SYSTEM MATERIAL FOR FIFTH GRADE ELEMENTARY SCHOOL STUDENT

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This research was conducted based on a needs analysis showing that there is a need for teaching materials “Encyclopedia” of natural sciences (IPA) the humans digestive system for elementary school students. The main purpose of this research is to develop science encyclopedia products on human digestive system material for fifth grade elementary school students and to find out the quality of science encyclopedia products.

The type of research used is Research and Development (R&D). The five steps of the ADDIE development procedure, namely (1) Analysis; (2) Design; (3) Development; (4) Implementation; (5) Evaluation. The data collection techniques used were interviews, questionnaires, and tests. The data analysis technique used is qualitative and quantitative data analysis techniques.

The results showed the mean validation score of 1 natural science lecturer, 2 grade fifth elementary school teachers, and 4 grade fifth elementary school students was 3,99 with the “good” category. While the results of product trials for students obtained pre-test and post-test results which showed an increase in the value with a percentage of 21,25%. Judging by the mean value of the pre-test obtained was 65, while the post-test score obtained was 86,35.

Keywords: *Research and development, encyclopedia, the digestive system in humans*