

Desyta Ayu Suwardani. 2017. *Pengembangan Bahan Ajar Berbasis CAI (Computer Assisted Instruction) untuk Siswa Kelas V Subtema Organ Tubuh Manusia Dan Hewan*. Skripsi. Program Studi Pendidikan Guru Sekolah Dasar. Fakultas Ilmu Pendidikan. Universitas Trunojoyo Madura. Pembimbing I: Mujtahidin, S.Pd, M.Pd. Pembimbing II: Fachrur Rozie, S.Pd, M.Pd.

ABSTRAK

Pengembangan ini dilatarbelakangi oleh minimnya guru dalam memanfaatkan fasilitas multimedia sebagai penunjang pembelajaran di kelas dan lebih didominasi pada penggunaan buku paket. Tujuan penelitian ini yaitu mengembangkan bahan ajar dan instrumen pembelajaran untuk pengembangan bahan ajar berbasis CAI (*Computer Assisted Instruction*) untuk siswa kelas V subtema organ tubuh manusia dan hewan. Penelitian ini menggunakan model pengembangan ADDIE yang terdiri dari *Analyze, Design, Development, Implementation* dan *Evaluation* (evaluasi). Berdasarkan penelitian tersebut diperoleh hasil kelayakan pada: (1) ahli bahasa sebesar 90% (sangat layak) , (2) ahli materi sebesar 85% (sangat layak), (3) ahli desain media sebesar 86% (sangat layak), (4) ahli bahan ajar sebesar 77% (cukup layak), (5) ahli desain pembelajaran sebesar 88% (sangat layak) (6) Ahli RPP sebesar 85% (sangat layak). Sedangkan untuk hasil kemenarikan bahan ajar berdasarkan respon siswa pada uji coba perorangan yaitu 95% (sangat menarik), uji coba kelompok kecil yaitu 95% (sangat menarik), dan uji coba kelompok besar yaitu 88% (sangat menarik). Berdasarkan keefektifan bahan ajar dilihat dari hasil belajar kognitif siswa memperoleh nilai ketuntasan sebesar 94%. Hal tersebut menunjukkan bahwa bahan ajar berbasis CAI layak digunakan di dalam pembelajaran.

Kata Kunci: Pengembangan Bahan Ajar, CAI (*Computer Assisted Instruction*), Kelas V, Organ Tubuh Manusia dan Hewan, Model Pengembangan ADDIE.

Desyta Ayu Suwardani. 2017. *The Development of Teaching Materials based CAI (Computer Assisted Instruction) for Fifth Grade Students on the Learning Subtheme of Human and Animals Organs*. Thesis. Elementary School Teacher Education Study Program. Faculty of Education. University of Trunojoyo Madura. Advisor I: Mujtahidin, S.Pd, M.Pd. Advisor II: Fachrur Rozie, S.Pd, M.Pd.

ABSTRACT

This research and development based on teacher was too little to make use multimedia facility as supporting learning in class and it more dominated on textbook usage. The purpose of this research is to develop teaching materials and learning instruments for the development of teaching materials based CAI (Computer Assisted Instruction) for fifth grade students on the learning subtheme of human and animals organs. This research use ADDIE development model that consist of Analyze, Design, Development, Implementation, and Evaluation. Based on this research was obtained a feasibility result to: (1) Language Expert is 90% (very feasible), (2) Material Expert is 85% (very feasible), (3) Media Design Expert is 86% (very feasible), (4) Teaching Materials Expert is 77% (quite feasible), (5) Learning Design Expert is 88% (very feasible) and (6) Lesson Plan Expert is 85%. And for attractiveness result from teaching materials based on student's responses on Individual Trials is 95% (very interesting), Small Groups Trial is 95% (very interesting), and Big Groups Trial is 88% (very interesting). Based on effectiveness from a taching materials were seen from cognitive learning outcomes students got 94% complete scores. From this result can show that teaching materials based CAI is feasible to be used in learing.

Keywords: The Development of Teaching Materials, CAI (Computer Assisted Instruction), Vth Class, Human and Animal Organs, ADDIE development model.