MULTIMEDIA INTERACTIVE DEVELOPMENT USING ADOBE FLASH CS3 FOR LEARNING SYSTEM DIGESTION IN SMP

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ABSTRACT

The problem in this research is the learning media utilized in SMP Pasundan 2 Bandung is book package and LKS while the utilization of LCD projector and multimedia is still rarely used. For example multimedia from Microsoft Power Point which looks is still simple and there are still shortcomings in terms of material, and media.. The purpose of this study is to develop interactive multimedia-based learning media at students of SMP Pasundan 2 Bandung class VIII on the material of the digestive system. This research uses research and development (R & D) method with 40 research subjects from grade VIII. The data collection instruments used are assessments from experts (media experts and material experts), questionnaires, and interviews. The results of this study in the form of interactive multimedia using Adobe Flash CS3 which has been developed on the subject of the digestive system. The quality of interactive multimedia using Adobe Flash CS3 on the subject of the digestive system is very feasible with a 4.9% percentage by expert material with very reasonable criteria, 4.9% by media experts with very reasonable criteria. While the feasibility is obtained 4.9% by junior high school teachers with very reasonable criteria and 41.6% attractiveness by students with very good criteria.The conclusions of this study are: (1) that the media developed using adobe flash CS3 for digestive system material is feasible to be used in classroom learning for VIII Junior High School students with eligibility criteria is very feasible seen from the line of contenting assessment of interactive multimedia feasibility, and seen from the aspect of programming in interactive multimedia gets (2) simulation results about the use of media developed using adobe flash CS3, it can be concluded while that the media developed feasible use of students because by seeing the results of learning mastery of 82.5% which increases. (3) the results of the feasibility assessment by the teacher of Natural Sciences at SMP Pasundan 2 Bandung get a fairly high percentage of 91,8% with eligibility criteria very feasible.

Keywords: *Interactive Multimedia, Adobe Flash CS3, Digestive System.*