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The development of interactive media in the context of wetland local wisdom on science materials for junior high schools to practice science literacy

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ABSTRACT

Meaningfulness in learning makes students literate learners. The content of wetland local wisdom in a learning media makes learning feel more contextual and meaningful. This research is development research that aims to describe the feasibility of the developed interactive learning media. The data analysis technique for determining the feasibility of this media uses: (1) media validity by media and material experts; (2) the practicality of the media by the results of the student response questionnaire and the implementation of learning during the trial; (3) the effectiveness of learning from the student's gain score data after using interactive media. The subjects of this research were eighth-grade students at junior high school in Banjarmasin. The instruments used in this study were media validation sheets, questionnaires, learning observation sheets, and literacy worksheets. Based on the results of development and testing, it can be concluded that interactive learning media in the form of articulate storylines and prezi are feasible to use and can improve students' literacy skills. The results of this study illustrate that interactive media compiled by containing elements of contextual learning in the form of local wetland wisdom can be used as a reference in the science learning process at the junior high school level.



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