

Annisa - Development of a Pocket

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Development of a Pocket Book on Aglaonema Plants on Students' Interest in Learning Biodiversity Material

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ABSTRACT

The lack of student interest in learning biology regarding biodiversity, especially the aglaonema plant, is due to insufficient teaching materials and inappropriate use of media, so it is necessary to develop learning media to increase students' interest in learning. The aim of this research is to produce the book product Aglaonema Ornamental Plants to increase interest in studying biology with the theme of biodiversity in students at SMA Negeri 2 Medan. This research is development research or Research and Development (R&D) using the ADDIE (Analysis, Design, Development, Implementation and Evaluation) development model. The subject of this research is the Aglaonema ornamental plant pocket book, while the object of this research is students' learning interests. The data analysis technique used in this research is quantitative analysis. The results of this research show that from the material expert validation process an average result was 3.35, the language expert validation obtained an average result of 3.7, and the design expert validation obtained a result of 3.5 and the interest in learning questionnaire data obtained 72.97%. or as many as 27 students in the very high category. So it can be concluded that the development product in the form of a pocket book on aglaonema ornamental plants is suitable and effective for use as a companion in learning which can increase students' interest in learning.

KEYWORDS

Pocket book; Aglaonema; Interest; Decorative plants.

INTRODUCTION

Reform initiatives in the application of technological results in the educational process are increasingly driven by advances in science and technology. Teachers must be able to use the resources the school offers, and it is conceivable that those resources reflect current trends and needs. Apart from being able to utilize the resources they have, educators must also be able to create learning materials that can be used when they are not yet available. The variety and creativity of learning media as a source of independent learning is currently still lacking, making it less effective in attracting student interest. In one of the schools in Medan City, SMA Negeri 2 Medan, the teaching process is still carried out with the teacher as the main source of knowledge. Researchers studied the relationship between ornamental plants and the school environment at SMA Negeri 2 Medan because this activity involved all students in environmental management which included the use, care and planting of ornamental plants in the school environment as well as other activities. It is also studied in terms of the quality and completeness of school facilities and infrastructure, the completeness of media as a learning resource, teacher experience, and curriculum offerings.

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