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ABSTRAK

Penelitian ini bertujuan untuk mengetahui kelayakan, keterbacaan siswa, respons siswa dan mengetahui peningkatan minat belajar siswa setelah menggunakan e-booklet. Penelitian ini menggunakan metode R&D dengan desain pengembangan ADDIE. Hasil penelitian menunjukkan : 1) bahwa *e-booklet* IPA terpadu berbasis etnosains batik damar kurung Gresik telah divalidasi oleh ahli materi menerima nilai rata-rata 93,25% dan ahli media menerima nilai rata-rata 90,62%, yang menunjukkan bahwa itu sangat valid dengan revisi kecil, sehingga layak digunakan sebagai media ajar, 2) Bahan ajar *e-booklet* IPA terpadu berbasis etnosains batik damar kurung Gresik menunjukkan hasil keterbacaan siswa sebesar 98,17%, yang menunjukkan bahwa itu sangat baik untuk materi klasifikasi makhluk hidup. Berdasarkan penilaian ini, bahan ajar ini dapat digunakan dalam pembelajaran materi klasifikasi makhluk hidup 3) Respons siswa terhadap pengembangan bahan ajar *e-booklet* IPA terpadu berbasis etnosains batik damar kurung Gresik memperoleh rata-rata persentase sebesar 99,05% dengan kriteria yang sangat baik. sehingga media tersebut dapat digunakan oleh siswa dan dianggap sebagai sarana pembelajaran yang sangat baik 4) Uji kelompok besar menunjukkan peningkatan minat belajar siswa dengan nilai N-gain 0,966. Hasilnya menunjukkan bahwa bahan ajar *e-booklet* IPA terpadu yang berbasis etnosains batik damar kurung Gresik dapat meningkatkan minat siswa dalam belajar, membuat belajar lebih mudah, dan membantu siswa mempelajari materi klasifikasi makhluk hidup dengan bahasa sederhana yang mudah dipahami. Karena menggunakan format *QR-code*, bahan ajar juga dinilai sangat mudah dibawa dan digunakan.

Kata kunci: *e-booklet*, keterbacaan siswa, minat belajar, respons siswa

Muhammad Iskhaqul Mubin. 2024. *Development of Ethnoscience-Based E-booklet on Gresik's Damar Kurung Batik to Enhance Students' Learning Interest*. Thesis, Science Education Study Program, Faculty of Education, Trunojoyo University, Madura. Advisor : Mochammad Yasir.

ABSTRACT

This study aims to determine the feasibility, student readability, student responses and determine the increase in student learning interest after using the e-booklet. This research uses the R&D method with the ADDIE development design. The results showed: 1) that the integrated science e-booklet based on the ethnoscience of batik damar kurung Gresik has been validated by material experts receiving an average score of 93.25% and media experts receiving an average score of 90.62%, which indicates that it is very valid with minor revisions, so it is feasible to use as teaching media, 2) The integrated science e-booklet teaching material based on the ethnoscience of batik damar kurung Gresik shows a student readability result of 98.17%, which indicates that it is very good for the material of classification of living things. Based on this assessment, this teaching material can be used in learning the material of classification of living things 3) Student responses to the development of integrated science e-booklet teaching materials based on ethnoscience batik damar kurung Gresik obtained an average percentage of 99.05% with very good criteria. so that the media can be used by students and is considered an excellent learning tool 4) The large group test showed an increase in student learning interest with an N-gain value of 0.966. The results show that the integrated science e-booklet teaching materials based on the ethnoscience of batik damar kurung Gresik can increase students' interest in learning, make learning easier, and help students learn about the classification of living things with simple language that is easy to understand. Because it uses a QR-code format, teaching materials are also considered very easy to carry and use.

Keywords: e-booklet, student readability, interest to learn, student response