

**PENGEMBANGAN MEDIA PEMBELAJARAN BERBASIS PROJEK
KEWIRAUSAHAAN KEGIATAN DAUR ULANG SAMPAH PADA MATERI
IPAS SISWA KELAS 4 DI SD NEGERI 5 PEGUYANGAN**

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ABSTRAK

Pemanfaatan daur ulang sampah tingkat sekolah dasar belum optimal sehingga mempengaruhi lingkungan kebersihan di sekolah. Penelitian pengembangan ini bertujuan (1) Untuk mengetahui rancang bangun media tutorial pembelajaran berbasis proyek kewirausahaan daur ulang sampah di kelas IV SD N 5 Peguyangan. (2) Mengetahui kelayakan media tutorial pembelajaran berbasis proyek kewirausahaan dalam kegiatan daur ulang sampah di kelas IV SD N 5 Peguyangan. (3) Mengetahui efektivitas media tutorial pembelajaran berbasis proyek kewirausahaan di kelas IV SD N 5 Peguyangan. Penelitian ini menerapkan model ADDIE (*Analyze, Design, Development, Implementation Evaluation*). Berdasarkan uji ahli, validator ahli rancang bangun memperoleh persentase 90% dengan kualifikasi sangat baik, Validator ahli isi memperoleh persentase 90,90% dengan kualifikasi sangat baik, Validator ahli desain dan media pembelajaran memperoleh persentase 88,63%. Berdasarkan hasil tersebut maka produk dapat dipergunakan dalam tahap uji coba produk. Adapun hasil uji coba produk perorangan memperoleh persentase 90% dengan kualifikasi sangat baik dan uji kelompok kecil dengan persentase 91,6% dengan kualifikasi sangat baik. Berdasarkan hasil uji *t* diketahui terjadi peningkatan rerata tingkat pengetahuan IPAS sesudah diberikan perlakuan. Selain itu, harga *p-value* sebesar 0,00, lebih kecil dibandingkan tingkat signifikansi 0,05. Selain itu, harga *t* hitung sebesar 41,886 lebih besar daripada *t* tabel (*df* = 29) dan signifikansi 5% yakni, 2,045, ini artinya H_0 juga ditolak sehingga dapat disimpulkan bahwa media pembelajaran berbasis proyek kewirausahaan kegiatan daur ulang sampah efektif diterapkan pada materi IPAS siswa kelas 4 SD Negeri 5 Peguyangan.

Kata kunci: Pengembangan Media, Proyek Kewirausahaan, Daur Ulang Sampah

ABSTRACT

Utilization of waste recycling at the elementary school level is not optimal so that it affects the cleanliness of the environment in schools. This development research aims (1) to find out the design of learning tutorial media based on entrepreneurship project waste recycling in class IV SD N 5 Peguyangan. (2) To find out the feasibility of learning tutorial media based on entrepreneurial projects in waste recycling activities in class IV SD N 5 Peguyangan. (3) Knowing the effectiveness of entrepreneurship project-based learning tutorial media in class IV SD N 5 Peguyangan. This study applies the ADDIE model (Analyze, Design, Development, Implementation Evaluation). Based on the expert test, the design expert validator obtained a percentage of 90% with very good qualifications, the content expert validator obtained a percentage of 90.90% with very good qualifications, the expert validator of design and learning media obtained a percentage of 88.63%. Based on these results, the product can be used in the product trial stage. The individual product trial results obtained a percentage of 90% with very good qualifications and a small group test with a percentage of 91.6% with very good qualifications. Based on the results of the t test, it is known that there is an increase in the average level of science knowledge after being given treatment. In addition, the price's p-value is 0.00, which is smaller than the significance level of 0.05. In addition, the calculated t value of 41.886 is greater than the t table (df = 29) and a significance of 5%, namely, 2.045, this means that H₀ is also rejected so that it can be concluded that the entrepreneurial project-based learning media for waste recycling activities is effectively applied to science material for grade 4 students at SD Negeri 5 Peguyangan.

Keywords: Media Development, Entrepreneurship Projects, Waste Recycling

