

ABSTRACT

M.Akbar Siddiq, NIM 5163331021 Development of Basic Electrical and Electronics Student Worksheets (LKPD) for class practice guides Audio Video at SMK Negeri 1 Lubuk Pakam

This study aims to develop student worksheets on basic subjects of electricity and electronics. The design in this study is a research and development (R&D) *ADDIE* model and was carried out in February-April 2021 at SMK Negeri 1 Lubuk Pakam with 2 subject matter expert lecturers, 2 media expert lecturers and 2 teachers. This research was only carried out until the third stage because the Covid-19 situation was not improving. The initial stages of this research are needs analysis, curriculum analysis and situation analysis and school conditions. The second stage is to carry out initial planning including the design of lesson plans, LKPD, and research instruments. The third stage is validating the product to experts and teachers and getting the final product. . The results of material expert validation covering aspects of the feasibility of content, language, presentation, and benefits reached an average score of 104 with a percentage of 83% in the "very feasible" category. The results of media expert validation covering aspects of appearance, ease of use, consistency, format, and graphics reached an average score of 95 with a percentage of 86% in the "very decent" category. Based on the teacher's response, the average score was 108 with a percentage of 90%.

Keyword : Student Worksheet, Electronic and Electrical Basics

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ABSTRAK

M.Akbar Siddiq ,NIM 5163331021 Pengembangan Lembar Kerja Peserta Didik(LKPD) Dasar Listrik Dan Elektronika untuk panduan praktek kelas x Audio Video SMK Negeri 1 Lubuk Pakam

Penelitian ini bertujuan untuk mengembangkan lembar kerja peserta didik pada mata pelajaran dasar listrik dan elektronika. Desain dalam penelitian ini adalah research and development (R&D) model *ADDIE* dan dilaksanakan pada bulan februari-april 2021 di SMK Negeri 1 Lubuk Pakam dengan subjek 2 dosen ahli materi, 2 dosen ahli media dan 2 guru. Penelitian ini hanya dilakukan sampai pada tahap ketiga dikarenakan situasi covid-19 yang tidak membaik. Tahapan awal penelitian ini adalah analisis kebutuhan, analisis kurikulum dan analisis situasi serta kondisi sekolah. Tahap kedua adalah melakukan perancangan awal termasuk perancangan RPP, LKPD, dan instrumen penelitian. Tahap ketiga adalah memvalidasi produk kepada ahli dan guru serta didapatkan produk akhir. Hasil validasi ahli materi yang meliputi aspek kelayakan isi, kebahasaan, sajian, dan manfaat mencapai rata-rata skor 104 dengan presentase 83% pada kategori “sangat layak”. Hasil validasi ahli media yang meliputi aspek tampilan, kemudahan penggunaan, konsistensi, format, dan kegrafikan mencapai rata-rata skor 95 dengan presentase 86% pada kategori “sangat layak”. Berdasarkan respon guru memperoleh skor rata-rata 108 dengan presentase 90%.

Kata kunci :Lembar Kerja Peserta Didik,Dasar Listrik Dan Elektronika

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