

Fatimatus Zahroh. 2022. Pengembangan Pengembangan LKPD Berbasis *Problem Based Learning* Materi Sistem Bilangan Untuk Siswa Kelas X SMK Al - Khatibiyah. Skripsi, Program Studi Pendidikan Informatika, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing : Prita Dellia, S.Kom., M.Kom.

ABSTRAK

Penelitian ini bertujuan untuk mengembangkan dan mengetahui kelayakan LKPD Berbasis Problem Based Learning materi Materi Sistem Bilangan khususnya untuk kelas X SMK Al - Khatibiyah. Jenis penelitian ini adalah penelitian pengembangan (Research and Development) dengan menggunakan model pengembangan ADDIE (Analyze, Design, Development, Implementation, Evaluation). Kelayakan dari media pembelajaran ini ditinjau dari dua aspek yaitu aspek materi dan aspek media. Instrumen yang digunakan untuk mengumpulkan data yaitu menggunakan angket yang meliputi aspek efektifitas, efesiensi dan daya tarik. Dalam pengumpulan data angket terdapat data dari ahli media, materi dan uji coba siswa yaitu uji coba perorangan, uji coba kelompok kecil dan uji coba kelompok besar. Berdasarkan penelitian yang telah dilakukan, hasil uji coba ahli media memperoleh 95%, uji coba ahli materi memperoleh 94%, uji coba perorangan memperoleh 89%, uji coba kelompok kecil memperoleh 90%, dan uji coba kelompok besar memperoleh 91,3% dengan demikian dapat disimpulkan bahwa LKPD berbasis Problem Based Learning yang dikembangkan sangat layak dan dapat digunakan dalam kegiatan pembelajaran

Kata kunci : Pengembangan, ADDIE, LKPD, PBL

Fatimatus Zahroh. 2022. Development of Problem-Based Learning Worksheet Development on Number System Material for Class X Students of SMK Al - Khatibiyah. Thesis, Informatics Education Study Program, Faculty of Education, Trunojoyo University, Madura. Advisor : Prita Dellia, S.Kom., M.Kom.

ABSTRACT

This study aims to develop and determine the feasibility of problem-based learning worksheets based on number system material, especially for class X SMK Al - Khatibiyah. This type of research is research and development (Research and Development) using the ADDIE development model (Analyze, Design, Development, Implementation, Evaluation). The feasibility of this learning media is viewed from two aspects, namely the material aspect and the media aspect. The instrument used to collect data is using a questionnaire which includes aspects of effectiveness, efficiency and attractiveness. In the questionnaire data collection there were data from media experts, materials and student trials, namely individual trials, small group trials and large group trials. Based on the research that has been done, the results of the media expert trial obtained 95%, the material expert trial obtained 94%, the individual trial obtained 89%, the small group trial obtained 90%, and the large group trial obtained 91.3% thus it can be concluded that the LKPD based on Problem Based Learning that was developed is very feasible and can be used in learning activities.

Keywords: Development, ADDIE, LKPD, PBL