PENGEMBANGAN MEDIA VIDEO PEMBELAJARAN BERBASIS *PROBLEM BASED LEARNING* PADA TEMA 7 MUATAN IPA KELAS V SEKOLAH DASAR NEGERI 5 PATEMON TAHUN PELAJARAN 2021/2022

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ABSTRAK

Penelitian ini merupakan penelitian pengembangan yang bertujuan untuk (1) menentukan desain materi pembelajaran video berbasis *problem based learning* tema 7 muatan IPA kelas V sekolah dasar, (2) menentukan kelayakan video pendukung pembelajaran berbasis masalah pada materi IPA kelas 7 kelas 5 SD, (3) Untuk mengetahui keefektifan materi video pembelajaran konten IPA kelas V untuk sekolah dasar. Model pengembangan yang digunakan dalam penelitian ini adalah model ADDIE. Hasil penelitia adalah (1) rancang bangun proses media video pembelajaran berbasis *problem based learning* pada tema 7 materi IPA kelas V sekolah dasar yang perancangannya melalui beberapa tahapan yaitu tahap analisis, desain, pengembangan, implementasi, evaluasi. (2) Media video pembelajaran berbasis *problem based learning* ini dinyatakan layak dilihat berdasarkan hasil uji isi pembelajaran sebesar 98,68%, uji ahli media pembelajaran sebesar 93,33%, uji ahli desain pembelajaran sebesar 89,70%, uji coba perorangan oleh siswa sebesar, 92,5%, uji coba kelompok kecil sebesar 84,3%, dan uji coba lapangan sebesar 94,35% yang keseluruhan presentase skornya dengan kriteria sangat baik. (3) berdasarkan hasil uji-T Tes berkorelasi didapatkan hasil bahwa besar signifikan (2-tailed) sebesar 0,000. Hasil ini menunjukkan besar signifikansi lebih kecil dari 0,005 (p<0,005), sehingga H0 ditolak dan H1 diterima. Maka dapat disimpulkan bahwa media video pembelajaran berbasis *problem based learning* pada tema 7 muatan IPA efektif diterapkan pada siswa kelas V SDNegeri 5 Patemon tahun ajaran 2021/2022.

Kata Kunci: Video pembelajaran, *problem based learning*, IPA

ABSTRACT

This research is a development research that aims to (1) determine the design of video learning materials based on problem based learning theme 7 science content for class V elementary schools, (2) determine the feasibility of supporting videos for problem based learning on science material for class 7 class 5 elementary schools, (3) To find out the effectiveness of the fifth grade science content learning video material for elementary schools. The development model used in this research is the ADDIE model. The results of the research are (1) the design of the process of video learning media based on problem based learning on the theme of 7 grade 5 elementary school science materials whose design goes through several stages, namely the analysis, design, development, implementation, evaluation stages. (2) This problem-based learning-based learning video media is declared worthy to be seen based on the results of the learning content test of 98.68%, the learning media expert test of 93.33%, the learning design expert test of 89.70%, individual trials by students amounting to, 92.5%, small group trials of 84.3%, and field trials of 94.35% which the overall percentage score with very good criteria. (3) based on the results of the correlated T-test, it was found that the significant (2-tailed) was 0.000. This result shows that the significance level is less than 0.005 (p<0.005), so that H0 is rejected and H1 is accepted. So it can be concluded that the problem-based learning video media on the theme of 7 science content is effectively applied to fifth grade students of SD Negeri 5 Patemon in the 2021/2022 academic year.

Keywords*: learning video, problem based learning, science*