

**PENGEMBANGAN MEDIA PEMBELAJARAN
PANBASUNTAR (PAPAN PEMBAGIAN BERSUSUN PINTAR)
BERBASIS PBL PADA MUATAN MATEMATIKA MATERI
PEMBAGIAN DI KELAS III SD HAINAN**

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ABSTRAK

Penelitian ini bertujuan untuk (1) mengetahui rancang bangun media PANBASUNTAR berbasis PBL muatan Matematika materi Pembagian (2) mengetahui kelayakan media PANBASUNTAR berbasis PBL materi Pembagian, yang ditinjau dari rancang bangun, isi, desain instruksional, media pembelajaran, uji coba perorangan, uji coba kelompok kecil, (3) mengetahui efektivitas media PANBASUNTAR berbasis PBL pada materi Pembagian. Penelitian ini adalah penelitian pengembangan yang menggunakan model pengembangan ADDIE (*Analyze, Design, Development, Implementation, Evaluation*). Metode pengumpulan data menggunakan kuesioner, tes objektif pilihan ganda. Hasil Penelitian ini menemukan bahwa: (a) penilaian menurut ahli rancang bangun memperoleh presentasi skor 90% dengan kualifikasi sangat baik; (b) penilaian ahli isi/materi pelajaran memperoleh presentasi skor 80,35% dengan kualifikasi baik; (c) penilaian ahli desain instruksional memperoleh persentase skor 90% dengan kualifikasi sangat baik; (d) penilaian ahli media pembelajaran memperoleh persentase skor 91,66% dengan kualifikasi baik; (e) penilaian uji coba perorangan memperoleh presentasi skor 93,25% dengan kualifikasi sangat baik; (f) penilaian uji coba kelompok kecil memperoleh persentase 91,75% dengan kualifikasi sangat baik. Berdasarkan uji efektivitas dengan 22 orang siswa memperoleh hasil t_{hitung} sebesar 18,78 untuk dk 21 dengan taraf signifikansi $5\% = 2,080$. Dengan demikian, harga $t_{hitung} > t_{tabel}$ sehingga H_0 ditolak dan H_1 diterima. Ini berarti, terdapat perbedaan signifikan (5%) sebelum dan sesudah menggunakan media pembelajaran. Implikasi dan penelitian ini yakni, secara empiris terbukti bahwa media PANBASUNTAR berbasis PBL layak digunakan pada proses pembelajaran berdasarkan hasil penilaian oleh subjek uji coba.

Kata Kunci: Pengembangan, PANBASUNTAR, Media Pembelajaran

**DEVELOPMENT OF LEARNING MEDIA PANBASUNTAR
(SMART STACKED DIVISION BOARD) BASED ON PBL
IN MATHEMATICS DIVISION MATERIAL IN GRADE
III OF HAINAN ELEMENTARY SCHOOL**

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ABSTRACT

This study aims to (1) determine the design of PANBASUNTAR media based on PBL for mathematics content on division (2) determine the feasibility of PANBASUNTAR media based on PBL for division content, in terms of design, content, instructional design, learning media, individual trials, small group trials, (3) determine the effectiveness of the PANBASUNTAR PBL-based media for the Division topic. This is a development study using the ADDIE (Analyze, Design, Development, Implementation, Evaluation) model. Data collection methods include questionnaires and multiple-choice objective tests. The results of this study found that: (a) the assessment by the design expert obtained a score of 90% with a very good qualification; (b) the assessment by the content/subject matter expert obtained a score of 80.35% with a good qualification; (c) the assessment by the instructional design expert obtained a score of 90% with a very good qualification; (d) the assessment by learning media experts obtained a score of 91.66% with a good qualification; (e) the assessment of individual trials obtained a score of 93.25% with a very good qualification; (f) the assessment of small group trials obtained a score of 91.75% with a very good qualification. Based on the effectiveness test with 22 students, the t -value was 18.78 for df 21 with a significance level of $5\% = 2.080$. Thus, the $t_{count} > t_{table}$, so H_0 is rejected and H_1 is accepted. This means that there is a significant difference (5%) before and after using the learning media. The implications and findings of this study are that, empirically, the PANBASUNTAR PBL-based learning media is proven to be suitable for use in the learning process based on the evaluation results by the test subjects.

Keywords: *Development, PANBASUNTAR, Learning Media*