

Pengembangan Media Pembelajaran Papin dan Kajib pada Materi Luas dan Keliling Bangun Datar Siswa Kelas 4 Sekolah Dasar

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ABSTRAK

Penelitian ini bertujuan mengembangkan, mengetahui kelayakan dan keefektifan media pembelajaran papin dan kajib, dan untuk mengetahui hasil belajar siswa pada materi luas dan keliling bangun datar Kelas IV SDN 1 Kawalu.

Metode penelitian yang digunakan yaitu pengembangan R&D type 4-D. Subjek penelitian ini adalah kelas IV SDN 1 Kawalu yang berjumlah 32 siswa. Pengumpulan data dalam penelitian ini yaitu wawancara, observasi, angket, dan tes. Sedangkan teknik analisis data yang digunakan yaitu analisis kualitatif dan kuantitatif, dan analisis berupa hasil tes siswa yaitu *pretest* dan *posttest*.

Hasil penelitian ini, yaitu: (1) media pembelajaran papin dan kajib layak digunakan dibuktikan dengan hasil validasi dari ahli media memperoleh skor rata-rata 4,5 dengan kriteria sangat baik, ahli materi memperoleh skor rata-rata 4,5 dengan kriteria sangat baik, dan validasi guru memperoleh skor rata-rata 4,875 dengan kriteria sangat baik. (2) Penilaian siswa terhadap media pembelajaran papin dan kajib memperoleh skor rata-rata 4,775 dengan kriteria sangat baik. (3) Hasil tes awal siswa memperoleh skor rata-rata 45 dan tes akhir memperoleh skor rata-rata 76,56. Berdasarkan hasil analisis menggunakan statistik uji *paired sample t-test* menghasilkan t_{hitung} 14,571 dan t_{tabel} adalah 2,04 yang artinya $t_{hitung} > t_{tabel}$. Jadi, dapat disimpulkan bahwa terdapat perbedaan signifikan antara sebelum dan sesudah menggunakan media pembelajaran papin dan kajib pada materi luas dan keliling bangun datar di SDN 1 Kawalu.

Kata kunci: Media Pembelajaran, Papin dan Kajib, Matematika.

Development of *Papin* and *Kajib* on Learning Materials of Area and Circular Building Learning Materials Student In Grade 4 Elementary School

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ABSTRACT

This study aims to develop, determine the feasibility and effectiveness of Papan Pintar (*Papin*) and Kantong Ajaib (*Kajib*) learning media, and to determine student learning outcomes on the area and perimeter material for Grade IV SDN 1 Kawalu.

The research method that used this research is development of R&D type 4-D. The subjects of this research are 32 students in grade IV SDN Kawalu. The technique of collecting the data in this research was collected through interview, observation, questionnaire and test. And also the technique of data analysis used qualitative and quantitative in the form of students test result is pretest and posttest

The result of this research are : (1) learning materials smart board (*papin*) and magic bag (*kajib*) are feasible to use because it can be proven with the validation results from media experts that they get an average score of 4.5 with very good criteria, and the experts of this materials get an average score of 4.5 with very good criteria, and teacher validation gets an average score of 4.875 with very good criteria. (2) Student assessment of smart board (*papin*) and magic bag (*kajib*) as learning media obtained an average score of 4.775 with very good criteria. (3) In the first test, the students obtained an average score of 45 and the final test results obtained an average score of 76.56. So, it can be concluded that smart board (*papin*) and magic bag (*kajib*) as learning media can be used as learning media and can improve student learning outcomes for the area and Circular Building. Based on the results of the analysis using the statistical paired sample t-test, t_{count} is 14,571 and t_{table} is 2,04, which means $t_{count} > t_{table}$. So, it can be concluded that there is a significant difference between before and after using smart board (*papin*) and magic bag (*kajib*) learning media in the area and circular building at SDN 1 Kawalu.

Keywords : Learning Media, Smart Board (*Papin*) and Magic Bag (*Kajib*), Mathematics.