

Brigita Naufalia. 2023. *Pengembangan Media Pembelajaran Papan Penyajian Data (Papenta) Untuk Meningkatkan Hasil Belajar Matematika Materi Penyajian Data Pada Siswa Kelas V UPTD SDN Blega 2 Kabupaten Bangkalan*, Program Studi Pendidikan Guru Sekolah Dasar, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Fachrur Rozie, S.Pd., M.Pd.

ABSTRAK

Tujuan penelitian pengembangan ini yaitu 1) Mengetahui kevalidan media pembelajaran Papan Penyajian Data (Papenta) pada mata pelajaran matematika materi penyajian data kelas V yang dilihat dari validasi ahli, 2) Mengetahui kemenarikan media pembelajaran Papan Penyajian Data (Papenta) pada mata pelajaran matematika materi penyajian data kelas V yang dilihat dari respon siswa, 3) Mengetahui keefektifan media pembelajaran Papan Penyajian Data (Papenta) pada mata pelajaran matematika materi penyajian data kelas V yang dilihat dari observasi aktivitas guru, observasi aktivitas siswa, dan hasil belajar. Penelitian ini menggunakan metode penelitian dan pengembangan *Research and Development (R&D)* dengan model penelitian ADDIE. Teknik pengumpulan data yang digunakan yaitu wawancara, observasi, angket, dan tes. Penelitian ini dilakukan kepada siswa kelas V dengan jumlah 36 siswa. Berdasarkan data yang diperoleh, hasil persentase validasi materi sebesar 98,3%, validasi desain pembelajaran sebesar 90%, validasi media pembelajaran 88,3%, dan validasi rata-rata sebesar 92,2% dengan kategori sangat valid. Kemenarikan media dilihat dari hasil angket respon siswa sebesar 91,3%. Keefektifan media pembelajaran dilihat dari lembar aktivitas guru sebesar 90%, lembar aktivitas siswa sebesar 90,8%, dan hasil belajar siswa diperoleh dari perhitungan dengan melakukan *t test* yang diketahui bahwa $5,462 > 2,120$ ($t_{hitung} > t_{tabel}$). Hasil penelitian pengembangan ini menunjukkan bahwa media Papan Penyajian Data (Papenta) sangat valid, sangat menarik, dan sangat efektif untuk digunakan dalam pembelajaran.

Kata kunci: Media Pembelajaran, model penelitian ADDIE.

Brigita Naufalia. 2023. Development of Data Presentation Board Learning Media (Papenta) to Improve Mathematics Learning Outcomes Data Presentation Material for Class V UPTD SDN Blega 2 Bangkalan Regency, Elementary School Teacher Education Study Program, Faculty of Education, Trunojoyo University, Madura. Advisor: Fachrur Rozie, S.Pd., M.Pd.

ABSTRACT

The purpose of this development research is 1) Knowing the validity of learning media Data Presentation Board (Papenta) in mathematics subject class V data presentation material as seen from expert validation, 2) Knowing the attractiveness of learning media Data Presentation Board (Papenta) in mathematics subject presentation material class V data seen from student responses, 3) Knowing the effectiveness of learning media Data Presentation Boards (Papenta) in mathematics subject class V data presentation material seen from observations of teacher activities, observations of student activities, and learning outcomes. This study used the Research and Development (R&D) research and development method with the ADDIE research model. Data collection techniques used are interviews, observation, questionnaires, and tests. This research was conducted on fifth grade students with a total of 36 students. Based on the data obtained, the results of the percentage validation of the material is 98.3%, the validation of learning design is 90%, the validation of learning media is 88.3%, and the average validation is 92.2% with a very valid category. The attractiveness of the media is seen from the results of the student response questionnaire of 91.3%. The effectiveness of learning media is seen from the teacher's activity sheet by 90%, student activity sheet by 90.8%, and student learning outcomes obtained from calculations by conducting a t test which is known to be $5.462 > 2.120$ ($t_{test} > t_{table}$). The results of this development research indicate that the Data Presentation Board (Papenta) media is very valid, very interesting, and very effective for use in learning.

Keywords: *Instructional Media, ADDIE research model.*