

ABSTRAK

Ade Kharisma Nur Laila. 2025. *Peningkatan Pemahaman Konsep Penyajian Data Melalui Model Problem Based Learning Berbantuan Media Komik Matematika Digital Pada Siswa Kelas III Sekolah Dasar*. Skripsi. Program Studi Pendidikan Guru Sekolah Dasar, FKIP, Universitas PGRI Madiun. Pembimbing (I) Dr. Hendra Erik Rudyanto, S.Pd. M.Pd. , (II) Melik Budiarti, S. Sos., M.A.

Pembelajaran matematika di sekolah dasar masih menggunakan metode ceramah dan berpusat pada guru dengan guru memberikan penjelasan kemudian siswa mengerjakan tugas. Teknik pengajaran seperti ini mengakibatkan rendahnya minat dan motivasi belajar siswa sehingga tingkat pemahaman siswa akan materi masih rendah. Pengajaran seperti ini diterapkan untuk materi matematika kurang tepat. Langkah perbaikan peneliti dengan menerapkan model *Problem Based Learning* (PBL) berbantuan media komik matematika digital. Model PBL adalah model pembelajaran yang mengintegrasikan permasalahan dalam pembelajaran. Media komik matematika digital berisi ilustrasi menarik berupa gambar dan cerita. Pembelajaran matematika pada materi penyajian data dikemas menjadi cerita dalam media tersebut dan diterapkan dalam model PBL. Model dan media dapat mewujudkan pembelajaran yang lebih aktif dan menyenangkan. Jenis penelitian yang digunakan adalah Penelitian Tindakan Kelas dengan subjek penelitian siswa kelas III di SDN Bagi 02 yang berjumlah 14 orang. Pengumpulan data dalam penelitian ini meliputi observasi, tes dan dokumentasi. Hasil penelitian ini menunjukkan adanya peningkatan pemahaman siswa melalui model PBL berbantuan media komik matematika digital di sekolah dasar. Pada pra siklus nilai rata-rata siswa adalah 60 dengan persentase ketuntasan 35,7%. Pada siklus I rata-rata nilai pemahaman konsep penyajian data siswa adalah 71 dengan persentase ketuntasan 57%. Pada siklus II rata-rata nilai pemahaman siswa materi penyajian data adalah 84 dengan persentase 86%, sehingga pada penelitian ini dapat diketahui bahwa penerapan model PBL berbantuan media komik matematika digital pada pembelajaran matematika materi penyajian data dalam tabel dapat meningkatkan pemahaman konsep siswa kelas III di sekolah dasar.

Kata Kunci: Pemahaman Konsep, Model PBL, Media Komik Matematika Digital

ABSTRACT

Ade Kharisma Nur Laila. 2025. *Improving Understanding of Data Presentation Concepts Through Problem-Based Learning Models Assisted by Digital Mathematics Comics for Third-Grade Elementary School Students*. Thesis. Elementary School Teacher Education Study Program, Faculty of Teacher Training and Education, Universitas PGRI Madiun. Supervisors: (I) Dr. Hendra Erik Rudyanto, S.Pd., M.Pd., (II) Melik Budiarti, S.Sos., M.A.

Mathematics learning in elementary schools still uses the lecture method and is teacher-centered, with the teacher providing explanations and then students completing assignments. This teaching technique results in low student interest and motivation, resulting in low levels of student understanding of the material. This type of teaching is applied to mathematics material that is less appropriate. The researcher took corrective measures by implementing the Problem-Based Learning (PBL) model assisted by digital mathematics comics. The PBL model is a learning model that integrates problems into learning. Digital mathematics comics contain interesting illustrations in the form of pictures and stories. Mathematics learning on data presentation material is packaged into stories in the media and implemented in the PBL model. Models and media can create more active and enjoyable learning. The type of research used was Classroom Action Research (CAR), with 14 third-grade students at SDN Bagi 02 as subjects. Data collection included observation, tests, and documentation. The results of this study indicate an increase in student understanding through the PBL model assisted by digital mathematics comics in elementary schools. In the pre-cycle, the average student score was 60 with a completion percentage of 35.7%. In the first cycle, the average student understanding score for data presentation concepts was 71 with a completion percentage of 57%. In the second cycle, the average student understanding score for data presentation material was 84 with a percentage of 86%. Therefore, this study shows that the application of the PBL model assisted by digital mathematics comics in mathematics learning on data presentation in tables can improve the conceptual understanding of third-grade elementary school students.

Keywords: Concept Understanding, PBL Model, Digital Mathematics Comic Media