

ABSTRAK

Amah ,Vira, A. L. 2026. *“Pengembangan Media Kartu Aljabar Berbasis Tgt Pada Materi Bentuk Aljabar Untuk Meningkatkan Pemahaman Konsep Matematika Di Smp Sunan Giri Malang”*. Skripsi Program Studi Pendidikan Matematika, Program Sarjana Universitas Tribhuwana Tunggaladewi. Dosen Pembimbing 1 : Rio Febrianto Arifendi, S.Pd. M.Pd dan Dosen Pembimbing 2 Elita Mega Selvia Wijaya, S.Pd. M.Pd.

Kata Kunci : Media Kartu Aljabar, *Teams Games Tournament* (TGT), Pemahaman Konsep Matematika, Bentuk Aljabar

Penelitian ini bertujuan mengembangkan media Kartu Aljabar berbasis Teams Games Tournament (TGT) pada materi bentuk aljabar untuk meningkatkan pemahaman konsep matematika siswa kelas VIII SMP Sunan Giri Malang. Penelitian ini dilatarbelakangi oleh rendahnya pemahaman konsep matematika siswa akibat materi aljabar yang bersifat abstrak serta proses pembelajaran yang masih berpusat pada guru sehingga siswa kurang aktif selama pembelajaran berlangsung. Metode penelitian yang digunakan adalah *Research and Development* (R&D) dengan model pengembangan ADDIE yang meliputi tahap *analysis, design, development, implementation, dan evaluation*. Subjek penelitian terdiri atas 12 siswa kelas VIII SMP Sunan Giri Malang. Pengumpulan data dilakukan melalui wawancara, validasi ahli, angket respon guru dan peserta didik, serta tes pretest dan posttest. Analisis data dilakukan menggunakan persentase dan N-Gain. Hasil penelitian menunjukkan bahwa media Kartu Aljabar berbasis TGT memenuhi kriteria sangat valid, sangat praktis, dan efektif. Persentase validasi ahli media sebesar 90,18% dan validasi ahli materi sebesar 89,16% dengan kategori sangat valid. Hasil respon peserta didik memperoleh persentase 91,37% dan respon guru sebesar 96,43% dengan kategori sangat praktis. Selain itu, rata-rata nilai pretest siswa sebesar 60,75 meningkat menjadi 87,50 pada posttest dengan nilai N-Gain sebesar 0,66 berkategori sedang. Berdasarkan hasil tersebut, media Kartu Aljabar berbasis TGT layak digunakan untuk membantu meningkatkan pemahaman konsep matematika siswa pada materi bentuk aljabar.

ABSTRACT

Amah, Vira, A. L. 2026. *“Development of TGT-Based Algebra Card Media on Algebraic Form Material to Improve Understanding of Mathematical Concepts at Sunan Giri Middle School, Malang”*. Thesis, Mathematics Education Study Program, Undergraduate Program, Tribhuwana Tunggal University. Supervisor 1: Rio Febrianto Arifendi, S.Pd. M.Pd and Supervisor 2: Elita Mega Selvia Wijaya, S.Pd. M.Pd

Keywords : Algebra Card Media, Teams Games Tournament (TGT), Understanding Of Mathematical Concepts, Algebraic Forms

This study aims to develop Algebra Card media based on Teams Games Tournament (TGT) for algebraic form material to improve the mathematical concept understanding of eighth-grade students at SMP Sunan Giri Malang. This research is motivated by the low understanding of mathematical concepts among students due to the abstract nature of algebra material and the learning process that is still teacher-centered, causing students to be less active during the learning process. The research method used is Research and Development (R&D) with the ADDIE development model, which includes the stages of analysis, design, development, implementation, and evaluation. The research subjects consisted of 12 eighth-grade students at SMP Sunan Giri Malang. Data collection was conducted through interviews, expert validation, teacher and student response questionnaires, as well as pretest and posttest. Data analysis was conducted using percentages and N-Gain. The research results show that the TGT-based Algebra Card media meet the criteria of very valid, very practical, and effective. The media expert validation percentage was 90.18% and the material expert validation was 89.16%, with the category of very valid. Student responses obtained a percentage of 91.37% and teacher responses of 96.43%, in the category of very practical. In addition, the average student pretest score of 60.75 increased to 87.50 in the posttest, with an N-Gain value of 0.66 in the medium category. Based on these results, the TGT-based Algebra Card media is feasible to use to help improve students' understanding of mathematical concepts in algebraic forms.