

ABSTRAK

Bahan ajar yang digunakan di SMP Muhammadiyah 1 Marga Tiga, menurut pendidik peserta didik masih mengalami kesulitan. Bahan ajar belum sepenuhnya berisi dalam kehidupan keseharian peserta didik, serta belum terdapat cerita bergambar hal ini sesuai dengan analisis kebutuhan. Oleh karena itu penelitian ini bertujuan untuk; 1) Mengatasi masalah di kelas VII B SMP Muhammadiyah 1 Marga Tiga, 2) Menghasilkan bahan ajar menggunakan pendekatan *Realistic Mathematic Education* (RME) disertai Cerita Bergambar (CERGAM) pada materi bentuk aljabar yang valid dan praktis. Penelitian ini menggunakan model pengembangan *ADDIE* (*Analysis, Design, Develop, Implementation, Evaluation*), yang hanya terfokus pada pengembangan produk saja, tahap *Implementation* tidak digunakan, tahap *Evaluation* dilakukan berdasarkan komentar dan saran. Instrumen yang digunakan berupa lembar validasi ahli dan lembar angket respon peserta didik. Teknik analisis data mencakup analisis data validasi dan analisis data kepraktisan. Teknik pengumpulan data dengan uji coba kelompok kecil secara *video call* grup melalui aplikasi *whatsapp*. Berdasarkan hasil penilaian ahli materi didapatkan persentase sebesar 88,68% masuk dalam katagori sangat valid, hasil validasi ahli media didapatkan persentase sebesar 87,49% masuk dalam katagori sangat valid, dari kedua hasil persentase validasi ahli diperoleh rata-rata yaitu 88,08% dalam kategori sangat valid. Sedangkan untuk hasil uji kepraktisan bahan ajar dengan rerata total 3,90 yang dikategorikan sangat praktis

Kata Kunci: Bahan Ajar, CERGAM , Pengembangan, *Realistic Mathematic Education* (RME)

ABSTRACT

According to educators, the teaching materials used at SMP Muhammadiyah 1 Marga Tiga are still experiencing difficulties. The teaching material is not fully contained in the daily life of students, and there is no pictorial story of this according to the needs analysis. Therefore, this study aims to: 1) solve problems in class VII B SMP Muhammadiyah 1 Marga Tiga, 2) Produce teaching materials using the Realistic Mathematic Education (RME) approach accompanied by Picture Stories (CERGAM) on valid and practical algebraic form material. This study uses the ADDIE (Analysis, Design, Develop, Implementation, Evaluation) development model, which only focuses on product development, the Implementation stage is not used, the Evaluation stage is based on comments and suggestions. The instruments used were in the form of expert validation sheets and student questionnaire responses. Data analysis techniques include data validation analysis and data analysis of practicality. The data collection technique was using small group trials using group video calls through the WhatsApp application. Based on the results of the material expert's assessment, the percentage of 88.68% was included in the very valid category, the results of the media expert validation obtained a percentage of 87.49% which was included in the very valid category, from the two results the percentage of expert validation obtained an average of 88.08% in very valid category. Meanwhile, the results of the practicality test of teaching materials with a total mean of 3.90 were categorized as very practical.

Keywords: Teaching Materials, CERGAM, Development, Realistic Mathematic Education (RME)