

## ABSTRAK

PENGEMBANGAN BUKU SOAL MATEMATIKA SEKOLAH DASAR  
BERBASIS AKM NUMERASI UNTUK SISWA KELAS IV

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Penelitian ini dilatarbelakangi dari kebutuhan buku soal AKM Numerasi yang membantu siswa dalam mempersiapkan ujian Asesmen Kompetensi Minimum (AKM). Tujuan penelitian yaitu mengembangkan dan mengetahui kualitas buku soal AKM Numerasi untuk siswa kelas IV SD. Metode yang digunakan dalam penelitian ini adalah *Research and Development (R & D) tipe formative research*. Validator terdiri dari dua dosen PGSD dan satu guru kelas IV SD Kanisius Wirobrajan. Uji coba dilakukan pada siswa kelas IV SD yang berjumlah 37 siswa. Subjek penelitian adalah 37 siswa SD Kanisius Wirobrajan. Objek penelitian berupa buku kumpulan soal AKM Numerasi yang digunakan untuk mempersiapkan ujian AKM Numerasi.

Hasil dari penelitian adalah 1) Soal AKM Numerasi dikembangkan berdasarkan model *Formative Research*; 2) Hasil kualitas soal AKM Numerasi dari validator memiliki rata-rata 3,0 dengan kategori “Baik”. Hasil validasi menggunakan SPSS menghasilkan kualitas soal yang baik yaitu 24 soal valid dan 6 soal tidak valid. Pada hasil reliabilitas, kualitas soal dinyatakan reliabel dengan angka 0,895. Hasil daya beda mendapatkan 2 item soal kategori “Baik Sekali”, 17 item soal kategori “Baik”, 8 item soal kategori “Cukup”, 1 item soal kategori “Jelek”, dan 2 item soal dibuang. Hasil uji tingkat kesukaran terdapat 11 soal kategori “Mudah”, 3 soal kategori “Sulit”, dan 16 soal kategori soal “Sedang”. Dari hasil validitas, reliabilitas, daya pembeda dan tingkat kesukaran, maka soal AKM Numerasi menghasilkan kualitas soal yang baik.

**Kata kunci:** Pengembangan, Asesmen Kompetensi Minimum, Matematika.

**ABSTRACT****DEVELOPMENT OF ELEMENTARY SCHOOL MATHEMATICS  
PROBLEMS BOOKS BASED ON AKM NUMERATION FOR CLASS IV  
STUDENTS**

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*This research was motivated by the need for an AKM Numeration question book which helps students prepare for the Minimum Competency Assessment (AKM) exam. The aim of the research is to develop and find out the quality of the AKM Numeracy question book for fourth grade elementary school students. The method used in this research is Research and Development (R & D) type of formative research. The validators consisted of two PGSD lecturers and one fourth grade teacher at SD Kanisius Wirobrajan. The trial was conducted on fourth grade elementary school students, totaling 37 students. The research subjects were 37 students of SD Kanisius Wirobrajan. The object of research is a collection of AKM Numeracy questions which are used to prepare for the AKM Numeracy exam.*

*The results of the study are 1) Numerical AKM questions are developed based on the Formative Research model; 2) The results of the quality of the AKM questions the numeration from the validator has an average of 3.0 in the "Good" category. The validation results using SPSS produced good quality questions, namely 24 valid questions and 6 invalid questions. In terms of reliability, the quality of the questions is declared reliable with a score of 0.895. The results of the differential power get 2 items in the "Very Good" category, 17 items in the "Good" category, 8 items in the "Enough" category, 1 item in the "Poor" category, and 2 items are discarded. The results of the difficulty level test were 11 questions in the "Easy" category, 3 questions in the "Difficult" category, and 16 questions in the "Medium" category. From the results of validity, reliability, discriminating power and level of difficulty, the AKM Numeral questions produce good quality questions.*

**Key words:** *Development, Minimum Competency Assessment, Mathematics.*