

ABSTRAK

**TINGKAT KEPUASAN SISWA DAN GURU
TERHADAP PENGGUNAAN ALAT PERAGA MATEMATIKA
BERBASIS METODE MONTESSORI**

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Penelitian ini dilatarbelakangi oleh penggunaan alat peraga yang digunakan dalam pembelajaran matematika. Penggunaan alat peraga diharapkan mampu meningkatkan mutu pembelajaran. Siswa dan guru diharapkan memiliki kepuasan tinggi terhadap penggunaan alat peraga matematika berbasis metode Montessori. Hal ini karena alat peraga matematika berbasis metode Montessori memiliki karakteristik menarik, bergradasi, *auto-education*, dan *auto-correction*. Penelitian ini bertujuan untuk mengetahui tingkat kepuasan siswa dan guru terhadap penggunaan alat peraga matematika berbasis metode Montessori. Penelitian ini merupakan penelitian deskriptif kuantitatif dengan metode sensus. Subjek penelitian ini adalah 52 siswa dan 2 guru kelas IV SDN Keceme 1 tahun pelajaran 2013/2014.

Teknik pengumpulan data menggunakan kuesioner kinerja dan kepentingan. Data penelitian dianalisis menggunakan Penilaian Acuan Norma (PAN) tipe II dan *Importance and Performance Analysis* (IPA). Hasil analisis menggunakan PAN II menunjukkan bahwa: (1) tingkat kepuasan siswa adalah cukup (rata-rata skor total 120,87), (2) tingkat kepuasan guru adalah cukup (rata-rata total skor 158,5). Hasil analisis menggunakan IPA menunjukkan (1) atribut kepuasan siswa adalah memudahkan mengerti matematika, membantu mengerjakan soal, memudahkan dalam mengerjakan soal, memiliki ukuran kecil ke besar, menemukan kesalahan yang dibuat, sesuai dengan materi, digunakan berulang kali, mudah diperbaiki, dicat rapi, menemukan kesalahan dan kuat ketika jarang digunakan, (2) atribut kepuasan guru adalah membantu mengerjakan soal, mudah mengerjakan soal, bentuk menarik, warna menarik, bermacam warna, memperbaiki kesalahan, menemukan jawaban benar, menemukan kesalahan yang dibuat, bahan yang diketahui, sesuai dengan materi, digunakan berulang kali, kuat ketika jarang digunakan, tidak mudah rusak, mudah diperbaiki, permukaan halus, dilem dengan kuat, tidak melukai, dicat rapi, dan ukuran kecil ke besar.

Kata Kunci: tingkat kepuasan, alat peraga matematika, metode Montessori, Penilaian Acuan Norma (PAN) tipe II, *Importance and Performance Analysis* (IPA)

ABSTRACT

**THE LEVEL OF STUDENTS AND TEACHERS SATISFACTION TOWARD
THE USE OF MATHEMATIC TEACHING AID
BASED MONTESSORI METHOD**

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This research was based on the use of teaching aid equipped during the teaching and learning process of Mathematic. The use of teaching aid was expected to be able to improve the quality of teaching and learning. The students and the teachers were expected to have high satisfaction toward the mathematic teaching aid based Montessori method. It was because the mathematic teaching aid based Montessori method has interesting characteristic, gradation, auto-education, and auto-correction. This research aimed to identifying the students and the teachers satisfaction level toward the mathematic teaching aid based Montessori method. The type of this research was descriptive quantitative using census method. The subjects of the research were 52 students and 2 teachers of grade II of SDN Keceme 1 in the academic year 2013/ 2014.

The data collection technique used was the questionnaires of performance and importance. The data were analysed using *Penilaian Acuan Norma* (PAN) type II and the Importance and Performance Analysis (IPA). The result of the data analysis using PAN type II showed that: (1) the students satisfaction level was moderate (the average score was 120.87), (2) the teachers satisfaction level was moderate (the average score was 158.5). The result of the data analysis using IPA showed that (1) the attributes of the students' satisfaction were being easy in understanding mathematic, helping in doing exercises, having different sizes from small to big, finding the mistakes made, being appropriate with the materials, being used repeatedly, being easy to repair, being tidily painted, finding mistakes, and being strong in infrequent use, (2) the attributes of the teachers satisfaction were helping in doing exercises, being easy in doing exercises, interesting in shape, interesting in colors, having various colors, revising mistakes, finding the correct answers, finding mistakes made, using known materials, being appropriate with the materials, being repeatedly used, being strong in infrequent use, not being easy to be broken, being easy to repair, having smooth surface, being strongly stuck, not hurting, being tidily painted, and having different sizes from small to big.

Keywords: satisfaction level, mathematicc teaching aid, Montessori method,
Penilaian Acuan Norma (PAN) tipe II, Importance and Performance Analysis (IPA)