

ABSTRAK

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

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Latar belakang penelitian ini adalah perlunya peningkatan manajemen pendidikan Indonesia terutama dalam hal sarana dan prasarana berupa alat peraga. Penggunaan alat peraga matematika berbasis metode Montessori di sekolah akan menimbulkan harapan bagi siswa dan guru. Harapan siswa dan guru dapat mempengaruhi kepuasan terhadap alat peraga. Penelitian ini bertujuan untuk mengetahui tingkat kepuasan siswa dan guru terhadap penggunaan alat peraga matematika berbasis metode Montessori khususnya alat peraga Papan Pin Perkalian Montessori. Jenis penelitian ini adalah kuantitatif deskriptif dengan metode sensus. Subjek penelitian sebanyak 50 siswa dan 2 orang guru kelas II SD Negeri Keceme 1. Teknik pengumpulan data menggunakan kuesioner kinerja dan kepentingan. Data penelitian dianalisis menggunakan Penilaian Acuan Norma (PAN) tipe II dan *Importance Performance Analysis* (IPA).

Hasil penelitian menunjukkan bahwa tingkat kepuasan siswa dan guru terhadap penggunaan alat peraga matematika berbasis metode Montessori adalah cukup. Atribut alat peraga yang perlu dipertahankan prestasinya menurut siswa adalah membantu dan memudahkan mengerjakan soal, ukuran pas, memperbaiki kesalahan, menemukan jawaban benar, kunci jawaban, bahan kuat, tidak mudah rusak, permukaan halus, dicat, bahan pernah dan sering dilihat. Atribut alat peraga yang perlu dipertahankan prestasinya menurut guru adalah mudah memahami konsep matematika, mudah digunakan, bentuk menarik, ukuran proporsional, ukuran kecil ke besar, kunci jawaban, bahan ditemukan di lingkungan, dan sesuai dengan materi.

Kata kunci: tingkat kepuasan, alat peraga matematika, metode Montessori, PAN tipe II, IPA.

ABSTRACT

**THE LEVEL OF STUDENT AND TEACHER'S SATISFACTION
TOWARD THE USE OF MATHEMATICS TEACHING AID
BASED ON MONTESSORI METHOD**

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The background of this research was the need to improve Indonesian education management, especially about facilities and infrastructure such as teaching aid. The use of mathematics teaching aid based on the Montessori method would lead to expectations for students and teachers. Expectations of students and teachers can influence satisfaction with teaching aid. This study aimed to identify the satisfaction level of student and teacher on the use of math teaching aid based on Montessori method especially Papan Pin Perkalian Montessori. The type of this research was descriptive quantitative with census method. The study subjects were 50 students and 2 teachers in grade 2 of Keceme 1 Elementary School in Yogyakarta. The data collection method used questionnaires. The data were analyzed using criterion reference method (PAN) II and Importance Performance Analysis (IPA).

The result of this research showed that students and teachers the satisfaction with teaching aid based on Montessori method were fairly satisfy. According to the students, some attributes of teaching aid needed to be maintained were help to answer the questions, easy to answer the questions, fitted size, correcting faults, portability, colourful, finding right answer, key answer, strong material, not easy demaged, soft surface, painted and to be seen previously. According to the teachers, some attributes of teaching aid needed to be maintained were easy to understanding mathematics concepts, easy to be used, interesting form, proportional size, small to big in size, key answer, materials are easy to be found in surrounded environment, and appropriate with materials.

Keywords: satisfaction level, mathematics teaching aid, Montessori method, criterion references method II, Importance Performance Analysis