

## ABSTRAK

Salwa Sayidina Kansa. 2026. Peningkatan Kemampuan Berpikir Kritis Matematis pada Siswa Kelas V SDN Jiwan 01 dengan Penerapan Media *Math Quest* (*Mathematic Adventure Quest*) berbasis Etnomatematika. Skripsi. Program Studi Pendidikan Guru Sekolah Dasar, FKIP, Universitas PGRI Madiun. Pembimbing (I) Dr. Dewi Tryanasari, S.Pd., M.Pd., (II) Dr. Sri Lestari, S.Pd., M.Pd.

Penelitian ini bertujuan untuk meningkatkan kemampuan berpikir kritis matematis siswa melalui penerapan media *Math Quest* (*Mathematic Adventure Quest*) berbasis etnomatematika pada materi keliling bangun datar. Penelitian menggunakan metode Penelitian Tindakan Kelas (PTK) kolaboratif yang dilaksanakan dalam dua siklus, meliputi tahap perencanaan, pelaksanaan, observasi, dan refleksi. Subjek penelitian terdiri atas 26 siswa kelas V SDN Jiwan 01 Kabupaten Madiun. Teknik pengumpulan data meliputi dokumentasi, observasi, tes. Hasil penelitian menunjukkan adanya peningkatan kemampuan berpikir kritis matematis siswa setelah penerapan media *Math Quest* (*Mathematic Adventure Quest*) berbasis etnomatematika. Nilai rata-rata siswa meningkat dari 71,51 pada pra-siklus menjadi 79,20 pada siklus I dan 86,89 pada siklus II. Persentase ketuntasan klasikal juga meningkat dari 50% menjadi 65,3% dan 84,61%. Dengan demikian, media *Math Quest* (*Mathematic Adventure Quest*) berbasis etnomatematika efektif meningkatkan kemampuan berpikir kritis matematis siswa sekolah dasar.

Kata kunci: kemampuan berpikir kritis matematis, *Math Quest*, etnomatematika, media pembelajaran, penelitian tindakan kelas.

## ABSTRACT

Salwa Sayidina Kansa. 2026. *Improving Critical Mathematical Thinking Skills in Fifth Grade Students of SDN Jiwan 01 by Implementing Math Quest (Mathematical Adventure Quest) Media Based on Ethnomathematics*. Thesis. Faculty of Teacher Training and Education, Universitas PGRI Madiun. Advisor: Dr. Dewi Tryanasari, S.Pd., M.Pd., Co-Advisor Dr. Sri Lestari, S.Pd., M.Pd.

Key Terms: mathematical critical thinking skills, Math Quest, ethnomathematics, learning media, classroom action research.

This study aims to improve students' mathematical critical thinking skills through the application of Math Quest (Mathematic Adventure Quest) media based on ethnomathematics on the material of the perimeter of flat shapes. The study used a collaborative Classroom Action Research (CAR) method which was implemented in two cycles, including the planning, implementation, observation, and reflection stages. The research subjects consisted of 26 fifth-grade students of SDN Jiwan 01, Madiun Regency. Data collection techniques included documentation, observation, and tests. The results of the study showed an increase in students' mathematical critical thinking skills after the application of Math Quest (Mathematic Adventure Quest) media based on ethnomathematics. The average student score increased from 71.51 in the pre-cycle to 79.20 in cycle I and 86.89 in cycle II. The percentage of classical completeness also increased from 50% to 65.3% and 84.61%. Thus, Math Quest (Mathematic Adventure Quest) media based on ethnomathematics effectively improves elementary school students' mathematical critical thinking skills.