

## ABSTRAK

Findya Merliana, *Efektivitas Pendekatan CTL Berbantuan Media Geoboard Terhadap Kemampuan Pemecahan Masalah Pada Keliling Bangun Datar Gabungan*. Skripsi. Program Studi Pendidikan Guru Sekolah Dasar, Fakultas Keguruan dan Ilmu Pendidikan, Universitas PGRI Madiun, Pembimbing (I) Dr. Sardulo Gembong, M.Pd., (II) Dr. Lingga Nico Pradana, M.Pd.

Penelitian ini bertujuan untuk mengetahui efektivitas pendekatan *Contextual Teaching and Learning (CTL)* berbantuan media geoboard terhadap kemampuan pemecahan masalah matematis siswa pada materi keliling bangun datar gabungan. Penelitian menggunakan metode kuasi eksperimen dengan desain pretest-posttest control group. Sampel penelitian terdiri atas 37 siswa kelas V SDN Balerejo 01 dan SDN Balerejo 02. Analisis data penelitian ini meliputi uji normalitas, uji keseimbangan, dan uji hipotesis. Hasil penelitian menunjukkan bahwa pembelajaran menggunakan pendekatan CTL berbantuan media geoboard memberikan peningkatan kemampuan pemecahan masalah yang lebih baik dibandingkan pembelajaran konvensional. Pendekatan ini membantu siswa memahami konsep secara kontekstual, aktif dalam pembelajaran, dan lebih mudah memvisualisasikan keliling bangun datar gabungan. Oleh karena itu, pendekatan CTL berbantuan media geoboard efektif digunakan dalam pembelajaran matematika sekolah dasar.

Kata Kunci: *CTL, Geoboard, Kemampuan Pemecahan Masalah*

## ABSTRACT

Findya Merliana, The Effectiveness of the *Contextual Teaching and Learning (CTL)* Approach Assisted by Geoboard Media on Problem-Solving Skills in the Perimeter of Composite Plane Figures. Thesis. Elementary School Teacher Education Study Program, Faculty of Teacher Training and Education, Universitas PGRI Madiun. Supervisor (1) Dr. Sardulo Gembong, M.Pd., (2) Dr. Lingga Nico Pradana, M.Pd.

This study aims to determine the effectiveness of the Contextual Teaching and Learning (CTL) approach assisted by geoboard media on students' mathematical problem-solving skills in the topic of the perimeter of composite plane figures. The study employed a quasi-experimental method with a pretest-posttest control group design. The research sample consisted of 37 fifth-grade students from SDN Balerejo 01 and SDN Balerejo 02. Data analysis in this study included tests of normality, balance tests, and hypothesis testing. The results showed that learning using the CTL approach assisted by geoboard media provided a better improvement in problem-solving skills compared to conventional learning. This approach helps students understand concepts contextually, actively engage in learning, and more easily visualize the perimeter of composite plane figures. Therefore, the CTL approach assisted by geoboard media is effectively used in elementary school mathematics learning.

Keywords: CTL; Geoboard; Problem-Solving Skills