

ABSTRAK

Aprinindya Putri Mulia. 2026. Penerapan Pendekatan *Deep Learning* Berbantuan Media Tangram Untuk Meningkatkan Kemampuan Numerasi Siswa Kelas IV SDN Sukolilo 03. Program Studi Pendidikan Guru Sekolah Dasar. Universitas PGRI Madiun. Pembimbing (I) Dr, Fauzatul Ma'rufah Rohmanurmeta, M.Pd. (II) Melik Budiarti, S.Sos., M.A.

Penelitian ini dilatarbelakangi oleh rendahnya kemampuan numerasi siswa kelas IV SDN Sukolilo 03 pada materi komposisi dan dekomposisi bangun datar. Rendahnya kemampuan numerasi siswa disebabkan karena pembelajaran masih berpusat pada guru dan belum menggunakan media pembelajaran yang menarik. Penelitian ini bertujuan untuk meningkatkan kemampuan numerasi siswa melalui penerapan pendekatan *Deep Learning* berbantuan media Tangram. Penelitian ini menggunakan metode Penelitian Tindakan Kelas (PTK) yang dilaksanakan dalam dua siklus. Subjek penelitian adalah 20 siswa kelas IV SDN Sukolilo 03 Kecamatan Jiawan Kabupaten Madiun Tahun Ajaran 2025/2026. Teknik pengumpulan data yang digunakan yaitu tes, observasi, wawancara, dan dokumentasi. Setiap siklus terdiri atas tahap perencanaan, pelaksanaan Tindakan, observasi, dan refleksi. Hasil penelitian menunjukkan bahwasanya data presentase ketuntasan kemampuan numerasi yaitu dari 59% pada kondisi awal (pra siklus) menjadi 77% pada siklus I, dan meningkat kembali pada siklus II hingga mencapai 95% dengan kategori sangat baik. Berdasarkan hasil penelitian dapat disimpulkan bahwa penerapan pendekatan *Deep Learning* berbantuan media Tangram efektif dalam meningkatkan kemampuan numerasi siswa kelas IV SDN Sukolilo 03.

Kata Kunci : *Deep Learning, Media Tangram, Kemampuan Numerasi, Matematika, Sekolah Dasar.*

ABSTRACT

Aprinindya Putri Mulia. 2026. *The Implementation of a Deep Learning Approach Assisted by Tangram Media to Improve the Numeracy Skills of Fourth-Grade Students at SDN Sukolilo 03.* Teacher Education Study Program, Universitas PGRI Madiun. Advisors: (I) Dr. Fauzatul Ma'rufah Rohmanurmeta, M.Pd. (II) Melik Budiarti, S.Sos., M.A.

Key Terms: Deep Learning, Tangram Media, Numeracy Skills, Mathematics,
Elementary School

This study was motivated by the low numeracy skills of fourth-grade students at SDN Sukolilo 03, particularly in the topic of composition and decomposition of plane figures. The students' low numeracy skills were caused by teacher-centered learning practices and the lack of engaging learning media. This study aimed to improve students' numeracy skills through the implementation of a Deep Learning approach assisted by Tangram media. The research employed the Classroom Action Research (CAR) method, which was conducted in two cycles. The research subjects were 20 fourth-grade students of SDN Sukolilo 03, Jiwan District, Madiun Regency, in the 2025/2026 academic year. Data were collected through tests, observations, interviews, and documentation. Each cycle consisted of four stages: planning, action implementation, observation, and reflection. The results showed that the percentage of students achieving numeracy mastery increased from 59% in the initial condition (pre-cycle) to 77% in Cycle I and further increased to 95% in Cycle II, which was categorized as very good. Based on these findings, it can be concluded that the implementation of a Deep Learning approach assisted by Tangram media is effective in improving the numeracy skills of fourth-grade students at SDN Sukolilo 03.