

## ABSTRAK

**Muhammad Fahmi Nurfadhilah, 1212050106 (2025). “Penerapan Pembelajaran *Deeper Learning Cycle* (DELC) Berbantuan *ProProfs* Untuk Meningkatkan Kemampuan Pemahaman Dan *Curiosity* Matematis Siswa”**

Penelitian ini merupakan penelitian kuasi eksperimen tentang meningkatkan kemampuan pemahaman dan *curiosity* matematis siswa, salah satunya melalui pembelajaran *Deeper Learning Cycle* (DELC) berbantuan *ProProfs*. Tujuan penelitian ini adalah untuk mengetahui: (a) Penerapan pembelajaran *Deeper Learning Cycle* (DELC) berbantuan *ProProfs* (b) Peningkatan kemampuan pemahaman matematis siswa yang menggunakan pembelajaran *Deeper Learning Cycle* (DELC) berbantuan *ProProfs*, (c) Perolehan kemampuan pemahaman matematis siswa yang menggunakan pembelajaran *Deeper Learning Cycle* (DELC) berbantuan *ProProfs*, (d) Peningkatan *curiosity* matematis siswa terhadap pembelajaran matematika sebelum dan sesudah pembelajaran *Deeper Learning Cycle* (DELC) berbantuan *ProProfs*. Penelitian ini dilakukan di kelas VII A dan VII B MTs Mathla’ul Huda Baleendah. Metode yang digunakan pada penelitian ini adalah kuasi eksperimen dengan desain penelitian *nonequivalent control group design*. Hasil penelitiannya adalah sebagai berikut : (a) Penerapan pembelajaran *Deeper Learning Cycle* (DELC) berbantuan *ProProfs* dilaksanakan dengan sangat baik (b) Peningkatan kemampuan pemahaman matematis siswa yang menggunakan pembelajaran *Deeper Learning Cycle* (DELC) berbantuan *ProProfs* lebih baik daripada yang menggunakan pembelajaran konvensional, (c) Perolehan kemampuan pemahaman matematis siswa yang menggunakan pembelajaran *Deeper Learning Cycle* (DELC) berbantuan *ProProfs* lebih baik daripada yang menggunakan pembelajaran konvensional, (d) Terdapat peningkatan *curiosity* matematis siswa terhadap pembelajaran matematika sebelum dan sesudah pembelajaran *Deeper Learning Cycle* (DELC) berbantuan *ProProfs*.

**Kata kunci:** Kemampuan Pemahaman Matematis, *Deeper Learning Cycle* (DELC), *ProProfs*, *Curiosity* Matematis

## ABSTRACT

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*This research is a quasi-experimental research on improving students' mathematical understanding and curiosity, one of which is through Deeper Learning Cycle (DELC) learning assisted by ProProfs. The purpose of this study was to determine: (a) Implementation of Deeper Learning Cycle (DELC) learning assisted by ProProfs (b) Improvement of students' mathematical understanding abilities using Deeper Learning Cycle (DELC) learning assisted by ProProfs, (c) Acquisition of students' mathematical understanding abilities using Deeper Learning Cycle (DELC) learning assisted by ProProfs, (d) Improvement of students' mathematical curiosity towards mathematics learning before and after Deeper Learning Cycle (DELC) learning assisted by ProProfs. This research was conducted in class VII A and VII B MTs Mathla'ul Huda Baleendah. The method used in this study was a quasi-experiment with a nonequivalent control group design research design. The results of the study are as follows: (a) The implementation of Deeper Learning Cycle (DELC) learning assisted by ProProfs was carried out very well (b) The increase in students' mathematical understanding abilities using Deeper Learning Cycle (DELC) learning assisted by ProProfs was better than those using conventional learning, (c) The acquisition of students' mathematical understanding abilities using Deeper Learning Cycle (DELC) learning assisted by ProProfs was better than those using conventional learning, (d) There was an increase in students' mathematical curiosity towards mathematics learning before and after Deeper Learning Cycle (DELC) learning assisted by ProProfs.*

**Kata kunci:** *Mathematical Comprehension Ability, Deeper Learning Cycle (DELC), ProProfs, Mathematical Curiosity*