

ABSTRAK

Zahratul Fitri: Pengaruh Model Pembelajaran *Self Organized Learning Environment* berbantuan *Nearpod* terhadap Kemampuan Berpikir Kreatif Matematis Siswa. **Program Studi Pendidikan Matematika FKIP Universitas Malikussaleh, 2025.**

Rendahnya kemampuan berpikir kreatif matematis disebabkan oleh beberapa faktor salah satunya adalah kurangnya partisipasi aktif siswa dalam kegiatan pembelajaran. Oleh karena itu, diperlukan model pembelajaran yang dapat mendorong keterlibatan aktif siswa dalam kegiatan pembelajaran, salah satunya adalah model pembelajaran *self organized learning environment* berbantuan *Nearpod*.

Penelitian ini bertujuan untuk mengetahui pengaruh model pembelajaran *self organized learning environment* berbantuan *Nearpod* terhadap kemampuan berpikir kreatif matematis siswa. Penelitian ini merupakan jenis penelitian *quasi experiment* dengan desain *nonequivalent control group design*. Populasi dalam penelitian ini yaitu siswa kelas X SMA Negeri 6 Lhokseumawe. Teknik pengambilan sampel menggunakan *purposive sampling*, dengan kelas terpilih yaitu kelas X-1 sebagai kelas eksperimen dan kelas X-2 sebagai kelas kontrol. Teknik dan instrumen pengumpulan data yang digunakan yaitu tes kemampuan berpikir kreatif matematis siswa. Pengujian hipotesis pada tes kemampuan berpikir kreatif matematis menggunakan uji parametrik *independent sample t-test* berbantuan *software SPSS* versi 25 dengan taraf signifikansi 0,05.

Berdasarkan hasil uji hipotesis data *posttest* kemampuan berpikir kreatif matematis siswa, didapat nilai *Sig. 2-tailed* sebesar 0,000. Berdasarkan kriteria uji hipotesis data, maka dapat disimpulkan terdapat pengaruh model pembelajaran *self organized learning environment* berbantuan *Nearpod* terhadap kemampuan berpikir kreatif matematis siswa.

Kata Kunci: *Self Organized Learning Environment*, *Nearpod*, Kemampuan Berpikir Kreatif Matematis

ABSTRACT

Zahratul Fitri: *The Effect of Self-Organized Learning Environment Model assisted by Nearpod on Students' Mathematical Creative Thinking Ability. Mathematics Education Study Program FKIP Malikussaleh University, 2025.*

The low level of students' mathematical creative thinking ability is caused by several factors, one of which is the lack of active participation in learning activities. Therefore, a learning model that encourages active student involvement is needed, such as the Self-Organized Learning Environment model assisted by Nearpod.

This study aims to determine the effect of the model on students' mathematical creative thinking ability. The research used a quasi-experimental design with a nonequivalent control group design. The population consisted of grade X students at SMA Negeri 6 Lhokseumawe, and the sample was selected using purposive sampling, resulting in class X-1 as the experimental group and class X-2 as the control group. The research instrument was a mathematical creative thinking ability test.

Hypothesis testing was conducted using the independent sample t-test with SPSS version 25 at a 0.05 significance level. The results showed that the Sig. 2-tailed value was $0.000 < 0.05$, indicating that the Self-Organized Learning Environment model assisted by Nearpod had a significant effect on students' mathematical creative thinking ability.

Keywords: *Self-Organized Learning Environment, Nearpod, Mathematical Creative Thinking Ability*