

## ABSTRAK

Sodikin, Mohamad Ali. 2022. Pengaruh Pembelajaran Model “*Reciprocal Teaching*” Terhadap Kemampuan Berpikir Kreatif Matematika Siswa Kelas VIII MTS Ma’arif NU Ngaban Tanggulangin. Skripsi. Progam Studi Pendidikan Matematika STKIP PGRI Sidoarjo. Dosen Pembimbing: 1) Risdiana Chandra Dhewy, S.Si., M.Si. 2) Intan Bigita Kusumawati S.Pd., M.Pd.

**Kata Kunci :** Pengaruh “*Reciprocal Teaching*”, Berpikir Kreatif Matematika, Materi Teorema Pythagoras.

Permasalahan pada penelitian ini adalah Proses belajar mengajar sangat diperlukan model pembelajaran yang sesuai dengan situasi dan kondisi siswa . Banyak siswa yang cenderung pasif dan tidak berani mengemukakan pendapatnya ketika dalam proses pembelajaran. Salah satu model pembelajaran yang dapat meningkatkan kemampuan berpikir kreatif matematika siswa yaitu model “*Reciprocal Teaching*”. Model pembelajaran “*Reciprocal Teaching*” terdapat empat strategi yakni (1) *Summarizing*. (2) *Question*. (3) *Clarifying* dan (4) *Predicting*. Penelitian ini dilakukan di MadrasahTsanawiyah Ma’arif NU Ngaban Tanggulangin Sidoarjo. Penelitian ini membuktikan bahwa terdapat pengaruh model “*Reciprocal Teaching*” pada materi Teorema Pythagoras. Hasil penelitian menunjukkan bahwa: (1) Berdasarkan perhitungan nilai  $t_{hitung} (7,533) > t_{tabel} (2,093)$  didapatkan bahwa ada pengaruh signifikan terhadap kemampuan berpikir kreatif siswa. (2)  $r^2 = 0,749$  dapat disimpulkan bahwa model “*Reciprocal Teaching*” memberikan kontribusi atau pengaruh sebesar 74,9% terhadap kemampuan berpikir kreatif matematika siswa.

## ABSTRAK

Sodikin, Mohamad Ali. 2022. The Effect of Learning the "Reciprocal Teaching" Model on Creative Thinking Mathematics Ability of Class VIII MTS Ma'arif NU Ngaban Tanggulangin Students. Essay. STKIP PGRI Sidoarjo Mathematics Education Study Program. Supervisor: 1) Risdiana Chandra Dhewy, S.Si., M.Sc. 2) Intan Bigita Kusumawati S.Pd., M.Pd.

**Keywords:** Effect of "Reciprocal Teaching", Mathematical Creative Thinking, Pythagorean Theorem Material.

The problem in this research is the teaching and learning process is very necessary learning model according to the situation and condition of the students. Many students tend to be passive and do not dare to express their opinions when in the learning process. One of the learning models that can improve students' mathematical creative thinking skills is the "Reciprocal Teaching" model. The learning model of "Reciprocal Teaching" has four strategies, namely (1) Summarizing. (2) Questions. (3) Clarifying and (4) Predicting. This research was conducted at MTS Ma'arif NU Ngaban Tanggulangin Sidoarjo. This study proves that there is an effect of the "Reciprocal Teaching" model on the Pythagorean Theorem material. The results showed that: (1) Based on the calculation of the value of  $t_{count} (7.533) > t_{table} (2.093)$  it was found that there was a significant effect on students' creative thinking abilities. (2)  $r$  square ( $r^2$ ) = 0.749, it can be concluded that the "Reciprocal Teaching" model contributes or influences 74.9% on students' creative thinking skills in mathematics.