**KEEFEKTIFAN PEMBELAJARAN TRIGONOMETRI DI KELAS X SMA MENGGUNAKAN PENDEKATAN SAINTIFIK DENGAN MODEL PEMBELAJARAN *COOPERATIVE LEARNING* TIPE *THINK PAIR SHARE* DITINJAU DARI PRESTASI BELAJAR SISWA**

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**ABSTRAK**

Penelitian ini bertujuan untuk mendeskripsikan keefektifan pembelajaran menggunakan pendekatan saintifik dengan model pembelajaran *cooperative learning* tipe *think pair share* pada materi trigonometri ditinjau dari prestasi belajar siswa.

Penelitian ini merupakan penelitan kuantitatif dengan metode q*uasi-eksperiment* (eksperimen semu). Populasi penelitian ini adalah siswa kelas X SMA Negeri 1 Turi tahun ajaran 2016/2017 yang terdiri dari empat kelas. Sampel dari penelitian ini diambil secara acak dua kelas yaitu kelas X MIPA 1 dan X MIPA 2. Kelas X MIPA 2 diberi perlakuan dengan pembelajaran menggunakan pendekatan saintifik dengan model pembelajaran *cooperative learning* tipe *think pair share,* sedangkan kelas X MIPA 1 diberi perlakuan dengan metode ceramah. Instrumen penelitian ini berupa *pre-test* dan *post-test* serta lembar observasi keterlaksanaan pembelajaran. Hasil yang diperoleh setelah dilaksanakan 3 pertemuan kelas X MIPA 2 sebagai kelas eksperimen memperoleh rata-rata skor 78,21 sedangkan kelas X MIPA 1 sebagai kelas kontrol memperoleh rata-rata skor 71,67. Uji statistik yang digunakan adalah uji keefektifan dan uji beda rata-rata kelas eksperimen dan kelas kontrol.

Berdasarkan hasil uji hipotesis dengan taraf signifikansi 5% disimpulkan bahwa pembelajaran menggunakan pendekatan saintifik dengan model pembelajaran *cooperative learning* tipe *think pair share* pada materi trigonometri efektif ditinjau dari prestasi belajar siswa.

**Kata kunci** : *Cooperative Learning, Think Pair Share, Prestasi Belajar*

**THE EFFECTIVENESS LEARNING TRIGONOMETRIC AT SENIOR HIGH SCHOOL GRADE X USING SCIENTIFIC APPROACH WITH *COOPERATIVE LEARNING MODEL* TYPES *THINK PAIR SHARE* REVIEWED FROM STUDENT ACHIEVEMENT**

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**ABSTRACT**

This research aims to describe the effectiveness of learning using a scientific approach with cooperative learning model types think pair share in trigonometric subject reviewed from student achievement.

This research was a quantitative research with quasi experiment method. The population of this research is all students at grade X in SMA Negeri 1 Turi of academic year 2016/2017 that consisting of four classes. The sample of this research are taken randomly two classes, there are X MIPA 1 and X MIPA 2. Class X MIPA 2 were given preferential treatment by using a scientific approach with cooperative learning model types think pair share, while class X MIPA 1 were given preferential treatment by conventional learning. The instrument of this research was a student achievement test and observation sheet learning implementation. The results obtained after 3 meetings kept the class X MIPA 2 as a experiments class gained an average score 78.21 while class X MIPA 1 as a controls class obtained an average score 71.67. The statistical test used were one sample t-test and independent sample t-test.

Based on the results of a test of the hypothesis with a 5% significance level concluded that learning using scientific approach with cooperative learning model types think pair share at trigonometric subject is effective reviewed from student achievement.

*Keywords : Cooperative learning, think pair share, student achievement*