# ABSTRAK

**Hidayah, Siti Nur. 2023.** *Implementasi model pembelajaran Thik Pair Share (TPS) berbasis soal superitem untuk meningkatkan pemahaman konsep matematis siswa pada materi perbandingan trigonometri kelas X SMK Semesta Bumiayu..* Skripsi. Jurusan Pendidikan Matematika Universitas Peradaban. Pembimbing: Eka Farida Fasha, S.Si.,M.Pd.

Rendahnya pemahaman konsep matematis siswa masih rendah, menurut hasil observasi selama pelaksanaan Praktik Pengalaman Lapangan (PPL) dan wawancara terhadap guru matematika kegiatan belajar mengajar siswa kurang aktif karena metode atau strategi pembelajaran yang digunakan masih monoton dan hasil belajar siswa masih banyak yang memperoleh nilai dibawah Kriteria Ketuntasan Minimal (KKM). Tujuan dari penelitian ini adalah untuk mengetahui keefektifan model pembelajaran *Think Pair Share* (TPS) berbasis soal superitem terhadap pemahaman konsep matematis. Populasi siswa kelas X SMK Semesta Bumiayu. Sampelnya yaitu kelas eksperimen X.I MPLB, kelas kontrol X.2 MPLB, dan kelas uji coba XI Farmasi, dengan teknik *Simple Random Sampling.* Teknik pengambilan datanya dengan menggunakan uji ketuntasan rata-rata pemahaman konsep matematis siswa, uji proporsi ketuntasan rata-rata, uji beda rata-rata, dan uji regresi linier sederhana. Hasil dari penelitian ini diperoleh bahwa rata-rata pemahaman konsep matematis siswa melampaui KKM yaitu 71 dengan presentase ketuntasan 80%. Nilai rata-rata pemahaman konsep matematis siswa kelas eksperimen adalah 81,88 lebih baik daripada kelas kontrol yaitu 69,6. Uji regresi sederhana diperoleh persamaan regresi menunjukan bahwa terdapat pengaruh positif keterampilan proses belajar siswa sebesar 87,4%. Kesimpulan dari uraian di atas adalah penggunaan model pembelajaran *Think Pair Share* (TPS) berbasis soal superitem efektif terhadap pemahaman konsep matematis siswa SMK kelas X.

**Kata kunci:** Implementasi,*Think Pair Share*, Pemahaman Konsep Matematis, Superitem, Keterampilan Proses

# ABSTRACT

Hidayah, Siti Nur. 2023. Implementation of a *Thik Pair Share* (TPS) model superbased item for increasing understanding of students' mathematical concepts on the matter of trigonometric comparison at an tenth grade of Bumiayu Semesta Vocational High School. A Thesis, Mathematics Education Study Program of Educational Science and Teacher Faculty Peradaban University Bumiayu. Mentor: Eka Farida Fasha, S.Si., M.Pd.

A student's lack of mathematical concepts is still low, according to observations during the practice of field experience (PPL) and interviews of the mathematics teachers teaching activities are less active because the learning methods or strategies used are still monotonous and the students' learning results are still many who score below the Criteria Minimum completeness (KKM). The purpose of the study is to determine the effectiveness of the *Think Pair Share* (TPS) model based superitem problems of understanding mathematical concepts. Samples are the X.1 MPLB experimental class, the X.2 MPLB control class, and the XI pharmaceutical test class, with a simple random sampling technique. The data retrieval techniques using an average standardized assessment of students' mathematical concepts, average proportionality testing, average differential tests, and simple linear regression tests. The result of this study is that the average understanding of the student's mathematical concept goes beyond the KKM with a percentage of 80% accuracy. The average value of understanding the mathematical concept of the student experiment class is 81,88 better than the control class is 69,6. Simple regression tests obtained show that there was a positive impact on student learning skills of 87,4%. The conclusion from the above description is the use of the *Think Pair Share* (TPS) models-based superitem effective against understanding the mathematical concept of an ten class Vocational High School student.

**Keywords**: implementation, *Think Pairs Share*, understanding of mathematical concepts, superitems, process skills