ABSTRACT

PEMBELAJARAN KOOPERATIF TIPE JIGSAW TERHADAP KEMAMPUAN PEMAHAMAN KONSEP MATEMATIS SISWA SMK-1 AL-FATTAH MEDAN

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Penelitian ini membahas tentang pengaruh yang signifikan model pembelajaran matematika Kooperatif tipe Jigsaw terhadap pemahaman konsep siswa pada materi Logika Matematika. Populasi penelitian kelas XI SMK-1 Al-Fattah Medan tahun ajaran 2018/2019 yang berjumlah 121 orang. Pengambilan sampel menggunakan teknik *total sampling*. Sampel terdiri dari dua kelas dimana kelas XI AP2 adalah kelas eksperimen dan kelas XI AP1 kelas kontrol. Untuk mengetahui pemahaman konsep matematika siswa digunakan alat ukur berupa tes yang terdiri dari 5 soal berbentuk uraian yang sudah melewati uji validasi dan reliabilitas. Dari hasil uji data diketahui pengujian sampel berasal dari populasi yang berdistribusi normal dan homogen. Hasil pengujian menunjukkan bahwa nilai kemampuan pemahaman konsep siswa pada materi logika matematika menggunakan model pembelajaran matematika Kooperatif tipe Jigsaw adalah t_{hitung} 2,145 > t_{tabel} 2,048, mean sebesar 77,47 dan median sebesar 78,5 sehingga dapat disimpulkan bahwa terdapat pengaruh yang signifikan model pembelajaran matematika Kooperatif tipe Jigsaw terhadap kemampuan pemahaman konsep siswa.

Kata Kunci: Kooperatif, Jigsaw, Pemahaman Konsep, Pemahaman Konsep Matematis.

ABSTRACT

THE INFLUENCE OF JIGSAW TYPE COOPERATIVE LEARNING

MODEL AGAINTS MATHEMATICAL CONCEPT OF UNDERSTANDING SMK-1

AL-FATTAH MEDAN

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This study discusses the influence of Jigsaw Cooperative mathematics learning model on the ability of students to understand the concepts in Mathematical Logic material. The population of the research class XI Al-Fattah Medan 2018/2019 academic year totaling 121 people. The taking of sample is use a total sampling technique. The sample consists of two classes where class XI AP2 is the experimental class and class XI AP1 is the control class. To find out the understanding of student's mathematical concepts used a measuring instrument in the form of a test consisting of 5 questions in the form of descriptions that have passed the validation and reliability tests. Prerequisite test for the hypothesis of normality test and homogeneity test using SPSS Version 20. From the sample testing comes from populations that are normally distributed and homogeneous. Data were analyzed using a simple linear regression test with SPSS Version 20. The results showed that the results of student's understanding of the concept of mathematics logic using the Jigsaw Cooperative mathematics learning model with   2,145 >   2,048, mean=77,47 dan median=78,5 so that it can be concluded that there was a significant influence on the Jigsaw Cooperative Mathematics learning model on students' concept understanding abilities.

Keywords: Cooperative, Jigsaw, Concept Understanding, Mathematical
         Concept Understanding.