**PERBANDINGAN KEMAMPUAN KOMUNIKASI MATEMATIKA SISWA DALAM PEMBELAJARAN KOOPERATIF ANTARA TIPE**

**THINK PAIR SHARE DENGAN TIPE TUDENT**

**TEAMACHIEVEMENT DIVISION DI SMP**

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**ABSTRAK**

Penelitian ini merupakan penelitian eksperimen semu yang bertujuan untuk mengetahui perbandingan kemampuan komunikasi matematika siswa yang belajar melalui model pembelajaran kooperatif tipe Think Pair Share (TPS) dan model pembelajaran kooperatif tipe Student Team Achievement Division (STAD) di kelas VII SMP Negeri 1 Barumun Tengah T.P. 2019/2020. Populasi dalam penelitian ini adalah seluruh siswa kelas VII SMP Negeri 1 Barumun Tengah semester II T.P. 2019/2020 yang terdiri dari 3 kelas paralel. Sampel penelitian ini adalah kelas VII-1 sebagai kelas ekperimen I yang telah diajarkan materi aritmatika sosial yang belajar melalui model pembelajaran kooperatif tipe Think Pair Share (TPS) dan kelas VII-2 sebagai kelas eksperimen II yang telah di ajarkan materi aritmatika sosial yang belajar melalui model pembelajaran kooperatif tipe Student Team Achievement Division (STAD) dimana masing-masing jumlah sampel 30 orang dalam tiap kelas. Penelitian ini menggunakan instrumen tes yaitu *pretest* dan *posttest* yang berbentuk uraian yang telah divalidasi dalam bentuk uraian. Dari hasil analisis data *pretest* disimpulkan bahwa kedua sampel mempunyai kemampuan awal yang sama. Nilai rata-rata *posttest* pada kelas TPS sebesar 80,33 dan nilai rata-rata *posttest* pada kelas STAD sebesar 74,23. Dari uji hipotesis data data *posttest* pada kedua sampel diperoleh thitung > ttabel (3,141> 1,689) artinya bahwa kemampuan komunikasi matematika siswa yang belajar melalui model pembelajaran kooperatif tipe Think Pair Share (TPS) lebih baik dibandingkan dengan kemampuan komunikasi matematika siswa yang belajar melalui model pembelajaran kooperatif tipe Student Team Achievement Division (STAD) dikelas VII SMP Negeri 1 Barumun Tengah T.P. 2019/2020. Pada proses jawaban siswa, hampir sebagian besar telah sesuai dengan indikator, namun adanya perbedaan gaya diskusi dan interaksi siswa dalam berkomunikasi saat berdiskusi menyebabkan kemampuan komunikasi matematika siswa yang belajar melalaui pembelajaran kooperatif tipe TPS lebih baik daripada tipe STAD.

Kata Kunci : Kemampuan Komunikasi Matematika, Kooperatif tipe *Think Pair Share* dan kooperatif tipe *Student Team Achievement*

***COMPARISON OF MATHEMATICS COMMUNICATION SKILLS***

***OF STUDENTS IN COOPERATIVE LEARNING BETWEEN***

***TYPES THINK PAIR SHARE WITH STUDENT TEAM***

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***ABSTRAK***

*This research was a quasi-experimental research that aimed to determine the comparison of mathematics communication skills of students who learned through cooperative learning models of the Think Pair Share (TPS) type and cooperative learning models of the Student Team Achievement Division (STAD) type in class VII SMP N 1 Barumun Tengah T.A. 2019/2020. The population in this research were all grade VII students of SMP N 1 Barumun Tengah semester II T.A. 2019/2020 which consisted of 3 parallel classes. The sample of this research was class VII-1 as an experimental class I that had been taught social arithmetic material through the Think Pair Share (TPS) type of cooperative learning model and class VII-2 as an experimental class II that had been taught social arithmetic material through learning Student Learning Achievement Division (STAD) type of cooperative learning model in which each sample was 30 people in each class. This research used test instruments namely pretest and posttest in the form of descriptions that had been validated in the form of descriptions. From the results of the analysis of the pretest data it was concluded that the two samples had the same initial ability. The average posttest score in the TPS class was 80.33 and the average posttest score in the STAD class was 74.23. From the posttest data hypothesis test data in the two samples obtained tcount>ttable (3.141> 1.689) meant that the mathematics communication skills of students who learned through cooperative learning models type Think Pair Share (TPS) was better than the mathematics communication skills of students who learned through learning models Student Team Achievement Division (STAD) cooperative type VII in SMP N 1 Barumun Tengah TA 2019/2020. In the process of student answers, most of them were in accordance with the indicators, but the differences in style of discussion and interaction of students in communication during discussions caused the mathematics communication skills of students who learned through cooperative learning type TPS better than the STAD type.*

*Keywords: Mathematics Communication Ability, Cooperative Think Pair Share Student Team Achievement Cooperative types*