

ABSTRACT

PUTRI RIJKIYAH. Upaya Meningkatkan Kemampuan Koneksi Matematis Siswa melalui Penerapan Model Pembelajaran Kooperatif Tipe *Make A Match* pada Kelas VIII-1 MTs Negeri 8 Jakarta.

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This study aims to improve students' mathematical connection capabilities through the implementation of cooperative learning model make a match (look for the pair) in VIII- 1 MTs Negeri 8 Jakarta with loop material .

In this study , researchers took three indicators of learning about mathematical connection capability , ie write the problem of everyday life in the form of mathematical models , write a mathematical concept that underlies the answer , and write down the relationship between object or mathematical concepts.

This research is a classroom action research which is reflective , ie perform certain actions in order to improve or enhance classroom practice more professionally . This study was conducted in a collaborative and participatory , namely the cooperation between the various disciplines , skills and professions in solving the problem and involving the target audience in identifying problems , plan , carry out activities and conduct a final assessment . Actions carried out in three cycles with each cycle consisting of three meetings. In each cycle , students are given a final test cycle to measure students' mathematical connection capabilities . Auxiliary instrument used to collect data in this study is the initial test sheets , sheet test student learning outcomes in each cycle , interview teachers and students , observation sheets, field notes , and documentation tools . The data were analyzed quantitatively and qualitatively . Data were analyzed quantitatively in the form of test data at the end of each cycle , while the data were analyzed qualitatively in the form of data from interviews , observations , and field notes .

The results showed that the learning of mathematics through cooperative models make a match can improve students' mathematical connections . This is evident from the increase in the average value of the final tests given in each cycle . The average value of the final test students' mathematical connection capabilities VIII- 1 in the first cycle was 60.39 , the second cycle increased to 82.35 , and the third cycle increased to 87.60 . Total class VIII - 1, which has already reached KKM also increased . In the first cycle as much as 20.59 % of the number of students in the second cycle increased to 79.41 % of the total number of students , and increased to 97.06 % of the total number of students in the third cycle . Number of research subjects who have reached KKM in the first cycle is 3 people or 50 % of the study subjects . In the second cycle and the third cycle of 100 % of students study subjects had scores above the KKM .

Keywords : *Ability Connections Mathematically , Cooperative Learning Model Make A Match, Circle .*