

## ABSTRAK

**Akbar Fadhillah. (2024). Penerapan Metode *Teams Assisted Individualization* dan *Student Teams Achievement Division* Berbantuan *Googleclassroom* dalam Pemecahan Masalah Matematis. Progam Studi Pendidikan Matematika, Jurusan Pendidkan MIPA, Fakultas Tarbiyah dan Keguruan, UIN Sunan Gunung Djati Bandung.**

Penelitian ini dilatar belakangi berdasarkan hasil studi pendahuluan di SMK Islam Darul Hikmah bahwa kemampuan pemecahan masalah matematis siswa perlu ditingkatkan. Tujuan dari penelitian ini untuk mengetahui (a)keterlaksanaan pembelajaran dengan metode *TAI* dan *STAD* Berbantuan *Googleclassroom*, (c) sikap siswa terhadap pembelajaran dengan metode *TAI* Berbantuan *Googleclassroom* dan *STAD* Berbantuan *Googleclassroom* dalam pemecahan masalah matematis, (b)perbedaan pencapaian kemampuan pemecahan masalah matematis siswa dikelas *TAI* dan *STAD* berbantuan *Googleclassroom* dengan konvensional. Penelitian ini dilakukan di SMK Islam Darul Hikmah Tasikmalaya menggunakan tiga kelas tahun ajaran 2023/2024 dengan metode kuasi eksperimen. Hasil penelitian adalah sebagai berikut : (a)keterlaksanaan metode *TAI* dan *STAD* berbantuan *Googleclassroom* dan konvensional. (b)terdapat perbedaan pencapaian kemampuan pemecahan masalah matematis siswa metode *TAI* berbantuan *Googleclassroom*. (c)sikap siswa terhadap pembelajaran dengan metode *TAI* Berbantuan *Googleclassroom* dan *STAD* Berbantuan *Googleclassroom* dalam pemecahan masalah matematis, metode *STAD* berbantuan *Googleclassroom* dan konvensional dimana pembelajaran *TAI* dan *STAD* lebih baik daripada konvensional.

**Kata Kunci : *TAI* dan *STAD*, Kemampuan Pemecahan Masalah Matematis**



## **ABSTRACT**

*This research is based on the results of a preliminary study at Darul Hikmah Islamic Vocational School that students' mathematical problem solving abilities need to be improved. The purpose of this research is to determine (a) the implementation of learning using the GoogleClassroom Assisted TAI and STAD methods, (c) students' attitudes towards learning using the Google Classroom Assisted TAI and Google Classroom Assisted STAD methods in solving mathematical problems, (b) the differences in students' achievement of mathematical problem solving abilities. in TAI and STAD classes with the help of conventional Googleclassroom. This research was conducted at the Darul Hikmah Tasikmalaya Islamic Vocational School using three classes for the 2023/2024 academic year using a quasi-experimental method. The results of the research are as follows: (a) the implementation of the TAI and STAD methods assisted by Googleclassroom and conventional. (b) there are differences in the achievement of students' mathematical problem solving abilities using the TAI method assisted by Googleclassroom. (c) students' attitudes towards learning using the TAI method assisted by Googleclassroom and STAD assisted by Googleclassroom in solving mathematical problems, the STAD method assisted by Googleclassroom and conventional where TAI and STAD learning is better than conventional.*

**Keywords:** *TAI and STAD, Mathematical Problem Solving Ability.*

