**ABSTRAK**

**ANA MULIANA M**. *Efektivitas Penerapan Strategi Active Learning Pada Siswa SMK Jurusan Sepeda Motor Kelas X di SMK Kartika Makassar* (dibimbing oleh Ruslan dan Usman Mulbar).

Penelitian ini merupakan penelitian eksperimen yang dikategorikan ke dalam penelitian *pre-eksperimen one shot case study* yang bertujuan untuk mengetahui sejauh mana efektivitas strategi *active learning* dalam pembelajaran matematika pada siswa SMK jurusan Sepeda Motor kelas X di SMK Kartika Makassar. Jumlah siswa pada kelas X Sepeda Motor adalah 31 orang. Untuk kepentingan penjaringan data melalui observasi maka dipilih dua orang siswa yang masing-masing mewakili kategori tinggi, sedang, dan rendah berdasarkan hasil tes yang diberikan sebelum menerapkan strategi *active learning*. Data yang dikumpulkan meliputi (1) aktivitas siswa selama pembelajaran berlangsung (2) respon siswa setelah mengikuti pembelajaran dengan strategi *active learning*, serta (3) prestasi belajar siswa. Teknik pengumpulan datanya dilakukan melalui observasi, pemberian angket respon dan pelaksanaan tes hasil belajar. Data aktivitas siswa dianalisis dengan menggunakan persentase sedangkan data prestasi belajar dianalisis dengan menggunakan statistic deskriptif.

Hasil penelitian menunjukkan bahwa (1) aktivitas siswa selama proses pembelajaran dengan menggunakan strategi *active learning* dinyatakan efektif, (2) respon siswa terhadap pembelajaran matematika melalui strategi *active learning* positif (3) prestasi belajar siswa mengalami peningkatan yang signifikan sebelum dan setelah diterapkan strategi *active learning* dengan nilai rata-rata 53,90 dari nilai ideal 100 dengan standar deviasi 1,56 sedangkan prestasi belajar sebelum diterapkan dengan menggunakan strategi *active learning* nilai rata-rata adalah 29,90 dari nilai ideal 100 dengan standar deviasi 1,23.

**ABSTRACT**

ANA MULIANA M. 2013*. The Effectiveness of the Implementation of Active Learning Strategy on Vocational School Students Majoring in Motorcycle of Xth Grade at SMK Kartika Makassar* (supervised by Ruslan and Usman Mulbar).

The study was an experiment research which categorized as pre-experiment on shot case study, aimed at examining the effectiveness of active learning strategy in learning mathematics on vocational school students majoring in motorcycle of Xth grade at SMK Kartika Makassar. The subjects of the study were 31 grade X students majoring in motorcycle. Samples were selected by conducting observation to obtain the representative of high category, fair category, and low category based on the result of the test given before the implementation of active learning strategy. Data collection included (l) students' activity during the teaching and learning process, (2) students’ response after the active learning strategy was implemented, and (3) students’ learning outcomes. Data were collected by conducting observation, questionnaire, and test of learning outcomes, Data of students’ activity were analyzed by using percentage, whereas, data of learning outcomes were analyzed by using descriptive statistics analysis.

The results of the study revealed that (1) students’ activity during the learning process which implemented active learning strategy was effective, (2) students’ response toward Mathematics learning by implementing active learning was positive, (3) students’ learning outcomes was significantly improved before and after the implementation of active learning strategy with the mean score 53.90 from the ideal score 100 with the standard of deviation 1.56; whereas, the mean score learning outcomes before the implementation of active learning was 29.90 from the ideal score 100 with the standard of deviation 1.23.