ABSTRAK

Rika Perbina, Nim 4182121015 (2024). Pengaruh Model Kooperatif Tipe *Think Pair Share* Berbantuan *Macromedia Flash* Terhadap Hasil Belajar Siswa Pada Materi Fluida Dinamis di Kelas XI SMA Negeri 7 Medan T.A 2023/2024.

Pembelajaran fisika dilaksanakan menunjukkan nilai rata-rata siswa masih dibawah KKM, diperlukan penggunaan model pembelajaran yang berbeda berbantuan media animasi. Penelitian bertujuan mengetahui hasil belajar siswa dengan menggunakan model kooperatif *think pair share* berbantuan *macromedia flash* dan pembelajaran konvensional. Jenis penelitian *quasi experiment* desain penelitian *two group pretest-posttest design*. Populasi penelitian yaitu siswa kelas XI SMA Negeri 7 Medan 6 kelas dengan sampel 60 siswa, teknik pengambilan sampel *cluster random sampling* dimana XI MIA 2 kelas eksperimen dan XI MIA 3 kelas kontrol. Instrumen yang digunakan tes hasil belajar ranah kognitif berupa pilihan ganda 15 soal yang divalidasi para ahli. Berdasarkan hasil pengolahan data *pretest* diperoleh rata-rata kelas eksperimen 44,22 dan kontrol 41,33. Hasil uji hipotesis data *pretest* menggunakan uji t dengan $\alpha = 0,05$ diperoleh kemampuan awal siswa kedua kelas sama. Selanjutnya diterapkan pembelajaran dengan model kooperatif tipe *Think Pair Share* berbantuan *macromedia flash* pada kelas eksperimen dan pembelajaran konvensional pada kelas kontrol, nilai *posttest* kelas eksperimen 79,33 dan kelas kontrol 65,56. Berdasarkan uji hipotesis diperoleh rata-rata nilai *posttest* di kelas eksperimen lebih baik dari nilai *posttest* kelas kontrol, terdapat pengaruh model pembelajaran kooperatif *think pair share* berbantuan *macromedia flash* terhadap hasil belajar pada materi fluida dinamis di kelas XI MIA SMA Negeri 7 Medan.

Kata Kunci: Think Pair Share, *Macromedia Flash*, Fluida Dinamis, Hasil Belajar

ABSTRACT

Rika Perbina, NIM 4182121015 (2024). *The Effect of Think Pair Share Type Cooperative Model Assisted by Macromedia Flash on Student Learning Outcomes in Fluid Dynamic Material in Class XI of* **SMA Negeri 7 Medan 2023/2024**

Physics learning is carried out showing the average value of students is still below the KKM, the use of different learning models is needed with the help of animated media. The study aims to determine student learning outcomes by using the cooperative model of think pair share assisted by macromedia flash and conventional learning. The type of research is quasi experiment research design two group pretest-posttest design. The study population was XI grade students of SMA Negeri 7 Medan 6 classes with a sample of 60 students, cluster random sampling technique where XI MIA 2 experimental class and XI MIA 3 control class. The instrument used cognitive domain learning outcomes test in the form of multiple choice 15 questions validated by experts. Based on the results of pretest data processing, the average experimental class obtained 44.22 and control 41.33. The results of the pretest data hypothesis test using the t test with $\alpha = 0.05$ obtained the initial ability of students of both classes is the same. Furthermore, learning with the Think Pair Share type cooperative model assisted by macromedia flash in the experimental class and conventional learning in the control class was applied, the posttest value of the experimental class was 79.33 and the control class was 65.56. Based on the hypothesis test, the average posttest value in the experimental class is better than the control class posttest value, there is an effect of the cooperative learning model of think pair share assisted by macromedia flash on learning outcomes on dynamic fluid material in class XI MIA SMA Negeri 7.

Keywords: Think Pair Share, Macromedia Flash, Dynamic Fluid, Learning Outcomes