

## ABSTRAK

**AULIA KHOIRUNNISA:** “Pengaruh Model Pembelajaran *Two Stay Two Stray* berbantu Nearpod terhadap Peningkatan Hasil Belajar pada Materi Sistem Pertahanan Tubuh”

Penelitian ini dilatarbelakangi kesulitan siswa dalam memahami materi sistem pertahanan tubuh yang berdampak pada rendahnya hasil belajar. Penelitian ini bertujuan menganalisis pengaruh model pembelajaran *Two Stay Two Stray* (TSTS) berbantu Nearpod terhadap peningkatan hasil belajar siswa pada materi sistem pertahanan tubuh. Metode yang digunakan yakni metode kuasi eksperimen dengan jenis desain *pretest and posttest with non-equivalent control group design* menerapkan dua kelas XI IPA 3 dan XI IPA 1 dengan subjek penelitian sebanyak 53 orang. Instrument penelitian yang digunakan berupa soal pilihan ganda berjumlah 20 item. Data hasil belajar berupa nilai rata-rata *pretest* dan *posttest* kelas dengan menggunakan model TSTS berbantu Nearpod yaitu *pretest* 25,76 dan *posttest* 76,34 dengan *N-Gain* sebesar 0,68 kategori sedang, sedangkan nilai *pretest* dan *posttest* kelas tanpa menggunakan model TSTS berbantu Nearpod yaitu *pretest* 29,25 dan *posttest* 72,22 dengan *N-Gain* sebesar 0,60 kategori sedang. Uji hipotesis diperoleh dengan menggunakan uji *Mann Whitney* yaitu  $0,016 < 0,05$ . Dapat disimpulkan model kooperatif TSTS berbantu Nearpod berpengaruh positif dan signifikan terhadap hasil belajar pada materi sistem pertahanan tubuh. Hasil respon siswa terhadap model pembelajaran TSTS berbantu Nearpod memperoleh nilai rata-rata sebesar 76,24 kategori setuju. Berdasarkan penelitian, maka model TSTS berbantu Nearpod dapat dijadikan sebagai alternatif pembelajaran dalam meningkatkan hasil belajar.

**Kata Kunci:** Hasil Belajar, Model *Two Stay Two Stray*, Nearpod, Sistem Pertahanan Tubuh.



## ABSTRACT

**AULIA KHOIRUNNISA:** *“The Effect of the Two Stay Two Stray Learning Model assisted by Nearpod on Improving Learning Outcomes in the Body's Defense System Material”*

*This research was motivated by students' difficulties in understanding the body's defense system material which has an impact on low learning outcomes. This study aims to analyze the effect of the Nearpod-assisted Two Stay Two Stray (TSTS) learning model on improving student learning outcomes on the body's defense system material. The method used is a quasi-experimental method with a type of pretest and posttest design with non-equivalent control group design applying two classes XI IPA 3 and XI IPA 1 with 53 research subjects. The research instrument used was in the form of multiple-choice questions totaling 20 items. Learning outcome data in the form of average pretest and posttest class scores using the Nearpod-assisted TSTS model are pretest 25.76 and posttest 76.34 with N-Gain of 0.68 medium category, while class pretest and posttest values without using the Nearpod-assisted TSTS model are pretest 29.25 and posttest 72.22 with N-Gain of 0.60 medium category. The hypothesis test was obtained using the Mann Whitney test which is  $0.016 < 0.05$ . It can be concluded that the Nearpod-assisted TSTS cooperative model has a positive and significant effect on learning outcomes on the body's defense system material. The results of student responses to the Nearpod-assisted TSTS learning model obtained an average score of 76.24 affirmative categories. Based on research, the Nearpod-assisted TSTS model can be used as an alternative learning in improving learning outcomes.*

**Keywords:** *Learning Outcomes, Two Stay Two Stray Model, Nearpod, Body Defense System.*