

ABSTRAK

Yani Siagian, Nim 4213341011 (2026). Pengaruh Model Pembelajaran Kooperatif Tipe STAD Berbantuan Media Kahoot Terhadap Hasil Belajar Siswa Kelas XI SMA Negeri 14 Medan pada Materi Proses Pengaturan Pada Tumbuhan.

Penelitian ini bertujuan untuk mengetahui pengaruh model pembelajaran kooperatif tipe STAD berbantuan media *kahoot* terhadap hasil belajar siswa kelas XI SMA Negeri 14 Medan pada materi proses pengaturan pada tumbuhan. Penelitian ini menggunakan metode eksperimen dengan rancangan penelitian *Nonequivalent control group*. Penelitian ini dilakukan di SMA Negeri 14 Medan. Data diperoleh melalui instrumen tes berjumlah 20 soal pilihan ganda yang telah divalidasi. Metode pengumpulan data menggunakan instrumen soal yang terdiri dari *pretest* dan *posttest*. Nilai rata-rata *posttest* siswa yang diajarkan model pembelajaran STAD berbantuan *kahoot* yaitu $82,64 \pm 6,92$, sedangkan nilai rata-rata *posttest* siswa yang diajarkan model pembelajaran STAD tanpa berbantuan *kahoot* yaitu $78,89 \pm 7,85$. Berdasarkan hasil penelitian, melalui uji *Independent samples t-test* diperoleh (*p-value*) $0,035 < 0,05$, yang berarti H_a diterima, sehingga terdapat pengaruh model pembelajaran kooperatif tipe STAD berbantuan media *kahoot* terhadap hasil belajar siswa kelas XI SMA Negeri 14 Medan pada materi proses pengaturan pada tumbuhan.

Kata Kunci : Model Pembelajaran STAD, Hasil Belajar, *Kahoot*



ABSTRACT

Yani Siagian, Nim 4213341011 (2026). The Effect of the STAD Type Cooperative Learning Model Assisted by Kahoot Media on the Learning Outcomes of Class XI Students of SMA Negeri 14 Medan on the Material of Regulation Processes in Plants.

This study aims to determine the effect of the STAD type cooperative learning model assisted by Kahoot media on the learning outcomes of class XI students of SMA Negeri 14 Medan on the material of the regulation process in plants. This study used an experimental method with a Nonequivalent control group research design. This study was conducted at SMA Negeri 14 Medan. Data were obtained through a test instrument consisting of 20 validated multiple-choice questions. The data collection method used question instruments consisting of pretest and posttest. The average posttest score of students taught by the STAD learning model assisted by Kahoot was 82.64 ± 6.92 , while the average posttest score of students taught by the STAD learning model without Kahoot was 78.89 ± 7.85 . Based on the research results, through the Independent samples t-test, the p-value was obtained $0.035 < 0.05$, which means H_a is accepted, so there is an influence of the STAD type cooperative learning model assisted by Kahoot media on the learning outcomes of class XI students of SMA Negeri 14 Medan on the material of the regulation process in plants.

Keyword : STAD Learning Model, Learning Outcomes, *Kahoot*