

## ABSTRAK

Harmeli, R. 2023. Pengaruh penerapan Pengaruh Penerapan Model Kooperatif Tipe *Think, Talk, Write (TTW)* Terhadap Kemampuan Argumentasi Secara Tertulis Siswa Kelas VIII SMP NEGERI 10 Tanjungpinang Pada Materi Sistem Ekskresi Pada Manusia. Skripsi. Tanjungpinang: Program Studi Pendidikan Biologi, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Maritim Raja Ali Haji. Pembimbing I: Assist. Prof. Dr. Hj. Nevrita, M.Pd., M.Si. Pembimbing II: Assist. Prof. Dios Sarkity, S.Pd., M.Pd.

### **Kata Kunci: Think Talk Write, Argumentasi, Sistem Ekskresi**

Penelitian ini bertujuan untuk mengetahui pengaruh penerapan model kooperatif tipe *think, talk, write* (TTW) terhadap kemampuan argumentasi secara tertulis siswa. Penelitian ini dilakukan di SMP Negeri 10 Tanjungpinang pada kelas VIII pada semester genap Tahun Ajaran 2022/2023. Jenis penelitian ini menggunakan penelitian kuantitatif, dengan teknik pengumpulan data berupa tes dengan instrument penelitian soal tes kemampuan argumentasi siswa. peneliti menggunakan eksperimen semu (quasi eksperimen). Berdasarkan hasil kelas eksperimen didapatkan hasil rata-rata keseluruhan yaitu 79 dengan kategori baik sedangkan pada kelas kontrol 70 dengan kategori baik. Berdasarkan uji hipotesis didapatkan hasil Sig. (2-tailed)  $0,041 > 0,05$  maka dapat diartikan bahwa  $H_0$  ditolak dan  $H_a$  diterima. Artinya hipotesis menyatakan bahwa terdapat pengaruh yang signifikan model pembelajaran kooperatif tipe *think, talk, write* (TTW) terhadap argumentasi secara tertulis siswa kelas VIII SMP Negeri 10 Tanjungpinang.

## ABSTRACT

Harmeli, R. 2023. The Effect of the Application of the Effect of the Application of the Think, Talk, Write (Ttw) Type Cooperative Model on Argumentation Skills in Writing Class VIII Students of SMP NEGERI 10 Tanjungpinang on the Material of the Excretory System in Humans. Thesis. Tanjungpinang: Biology Education Study Program, Faculty of Teacher Training and Education, Raja Ali Haji Maritime University. Advisor: Assist. Prof. Dr. Hj Nevrita, M.Pd., M.Si. Co-Supervisor: Assist. Prof. Dios Sarkity, S.Pd., M.Pd.

**Keywords: Think talk write, argumentation, Excretory System**

This study aims to determine whether there is an effect of the application of the cooperative model of think, talk, write (TTW) type on students' written argumentation skills. This research was conducted at SMP Negeri 10 Tanjungpinang in class VIII in the even semester of the 2022/2023 academic year. This type of research uses quantitative research, with data collection techniques in the form of observation sheets with research instruments for student argumentation skills tests. researchers used quasi-experiments. Based on the results of the experimental class, the overall average result is 79 with a good category while in the control class 70 with a good category. Based on hypothesis testing, the results obtained Sig. (2-tailed)  $0.041 > 0.05$ , it means that  $H_0$  is rejected and  $H_a$  is accepted. This means that the hypothesis states that there is a significant effect of the cooperative learning model of think, talk, write (TTW) type on argumentation in writing of class VIII students of SMP Negeri 10 Tanjungpinang.