ABSTRAK

Mayuha Zulfa (1212060074): "Perbandingan Kemampuan Berpikir Kritis Siswa Menggunakan Model *Discovery Learning* Berbantu *Fliphtml5* dengan *Cooperative Learning* pada Materi Interaksi Antar Makhluk Hidup"

Pada era globalisasi dan kemajuan teknologi yang pesat, kemampuan berpikir kritis merupakan keterampilan penting yang harus dimiliki setiap peserta didik agar dapat beradaptasi dan bersaing di tingkat global. Tujuan penelitian ini untuk menganalisis perbedaan keterampilan berpikir kritis siswa menggunakan model *Discovery Learning* berbantu *Fliphtml5* dengan *Cooperative Learning* pada materi interaksi antar makhluk hidup. Metode penelitian yang digunakan adalah quasi eksperimen dengan desain komparasi. Instrument penelitian ini meliputi lembar observasi keterlaksanaan dan soal pilihan ganda dengan indikator keterampilan berpikir kritis. Data hasil penelitian menunjukkan bahwa keterlaksanaan aktivitas guru di kelas *Discovery Learning* berbantu *Fliphtml5* 94,1% dan siswa 92% (sangat baik), kelas *Cooperative Learning* guru memperoleh 92,4% dan siswa 93,1% (sangat baik). Hasil keterampilan berpikir kritis diukur menggunakan tes pilihan ganda kompleks, pada kelas *Discovery Learning* berbantu *Fliphtml5* memperoleh nilai N-*Gain* sebesar 0,37 dengan kategori sedang dan kelas *Cooperative Learning* memperoleh N-*Gain* 0,20 dengan kategori rendah. Hasil uji hipotesis menunjukkan Sig.2-tailed 0,001 < 0,05 yang berarti H_0 ditolak dan H_1 diterima. Berdasarkan data hasil tersebut dapat disimpulkan bahwa model *Discovery Learning* berbantu *Fliphtml5* dengan *Cooperative Learning* terdapat perbedaan yang signifikan antara kedua model dalam meningkatkan keterampilan berpikir kritis siswa pada materi interaksi antar makhluk hidup.

Kata Kunci: *Discovery Learning*, *Cooperative Learning,* Fliphtml5, Keterampilan Berpikir Kritis, Interaksi Antar Makhluk Hidup

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ABSTRACT

Mayuha Zulfa (1212060074): *"A Comparison of Students' Critical Thinking Skills Using the Discovery Learning Model Assisted by Fliphtml5 and Cooperative Learning in the Topic of Interactions Among Living Organisms"*

In this era of globalization and rapid technological advancement, critical thinking is an essential skill that every student must possess in order to adapt and compete on a global scale. The purpose of this study is to analyze differences in students' critical thinking skills when using the Discovery Learning model aided by Fliphtml5 compared to Cooperative Learning when studying the topic of interactions among living organisms. The research method used was a quasi-experimental study with a comparative design. The research instruments included an observation sheet for activity implementation and multiple-choice questions with indicators of critical thinking skills. The research results showed that the implementation of teacher activities in the Discovery Learning class aided by Fliphtml5 was 94.1% and that of students was 92% (very good), while in the Cooperative Learning class, teachers achieved 92.4% and students 93.1% (very good). Critical thinking skills were measured using a complex multiple-choice test; the Discovery Learning class supported by Fliphtml5 achieved an N-Gain score of 0.37, categorized as moderate, while the Cooperative Learning class achieved an N-Gain of 0.20, categorized as low. The results of the hypothesis test showed a 2-tailed Sig. of 0.001 < 0.05, meaning H0 was rejected and H1 was accepted. Based on these results, it can be concluded that there is a significant difference between the Discovery Learning model supported by Fliphtml5 and the Cooperative Learning model in terms of improving students' critical thinking skills regarding the topic of interactions among living organisms.

Keywords: Discovery Learning, Cooperative Learning, Fliphtml5, Critical Thinking Skills, Interaction Between Living Things

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