

ABSTRAK

Aisyah, NIM 4203141039 (2020). Hubungan Kecakapan Abad 21 dengan Hasil Belajar Siswa Melalui Model Pembelajaran Kooperatif Tipe *Two Stay Two stray* pada Materi Ekosistem Kelas X MIA di SMA Negeri 5 Medan T.P 2023/2024

Penelitian ini bertujuan untuk mengetahui hubungan kecakapan abad 21 dengan hasil belajar beserta kontribusinya melalui model pembelajaran kooperatif tipe *Two Stay Two Stray*. Penelitian dilaksanakan pada bulan Mei 2024 di SMA Negeri 5 Medan di Jalan Pelajar No.17, Kel. Teladan Timur, Kec. Medan Kota, Kota Medan, Provinsi Sumatera Utara. Penelitian ini merupakan penelitian korelasi dengan pendekatan kuantitatif yang melibatkan 72 siswa yang dipilih secara *Random Sampling*. Instrumen yang digunakan adalah instrumen tes berupa *pretest* dan *posttest* untuk mengukur hasil belajar dan instrumen Non-test berupa lembar observasi untuk mengukur kecakapan abad 21. Data dianalisis menggunakan statistik deskriptif untuk memberikan gambaran umum mengenai kecakapan abad 21 dan hasil belajar siswa. Korelasi Rank Spearman dan Uji Hipotesis digunakan untuk mengukur dan mengetahui hubungan antara kedua variabel, serta Uji Koefisien Determinasi untuk mengetahui besaran kontribusi kecakapan abad 21 terhadap hasil belajar siswa. Hasil analisis menunjukkan bahwa Kecakapan abad 21 siswa kelas X MIA di SMA Negeri 5 Medan memberikan dampak positif khususnya pada kecakapan komunikasi (70,82%), kecakapan kolaborasi (66,66%), kecakapan berpikir kritis (48,60%), serta kecakapan berpikir kreatif, meskipun persentasenya relatif kecil (15,26). Hasil belajar siswa melalui model pembelajaran *Two Stay Two Stray* juga menunjukkan peningkatan dengan nilai N-Gain 32,92% (Sedang). Hasil analisis juga menunjukkan adanya hubungan cukup signifikan antara kedua variabel yakni dengan koefisien korelasi sebesar 0,317, serta model pembelajaran kooperatif tipe *Two Stay Two Stray* yang memberikan kontribusi positif (10,05%) terhadap hasil belajar. Temuan ini mengindikasikan bahwa kecakapan abad 21 dengan hasil belajar memiliki hubungan dan memberikan kontribusi, dan model pembelajaran kooperatif tipe *Two Stay Two Stray* efektif dalam mendukung proses tersebut.

Kata Kunci: Kecakapan abad 21, hasil belajar, *Two Stay Two stray*

ABSTRACT

Aisyah, NIM 4203141039 (2020). The Relationship between 21st Century Skills and Student Learning Outcomes through the *Two Stay Two stray* Cooperative Learning Model on the Ecosystem Material for Grade X MIA Students at SMA Negeri 5 Medan Academic Year 2023/2024.

This study aims to investigate the relationship between 21st-century skills and academic achievement, as well as their contribution through the Two Stay Two Stray cooperative learning model. The research was conducted in May 2024 at SMA Negeri 5 Medan, located at Jalan Pelajar No. 17, Kelurahan Teladan Timur, Kecamatan Medan Kota, Kota Medan, Sumatera Utara Province. This correlational study employs a quantitative approach and involves 72 students selected through random sampling. The instruments used include pretest and posttest assessments to measure academic achievement, and non-test instruments such as observation sheets to assess 21st-century skills. Data were analyzed using descriptive statistics to provide an overview of 21st-century skills and student achievement. Spearman's Rank Correlation and Hypothesis Testing were used to measure and determine the relationship between the two variables, while the Coefficient of Determination Test was used to assess the contribution of 21st-century skills to academic achievement. The analysis results show that 21st-century skills among X MIA students at SMA Negeri 5 Medan positively impacted communication skills (70.82%), collaboration skills (66.66%), critical thinking skills (48.60%), and creative thinking skills, although the latter had a relatively small percentage (15.26%). The academic achievement of students using the Two Stay Two Stray model also showed improvement with an N-Gain value of 32.92% (moderate). Additionally, there was a significant relationship between the two variables, with a correlation coefficient of 0.317, and the Two Stay Two Stray cooperative learning model contributed positively (10.05%) to academic achievement. These findings indicate that 21st-century skills are related to and contribute to academic achievement, and that the Two Stay Two Stray cooperative learning model is effective in supporting this process.

Keywords: 21st-century skills, learning outcomes, *Two Stay Two stray*

