

ABSTRAK

Yulia Rahmah Fadillah, NIM 4202141002 (2020), Hubungan Keterampilan Abad 21 Dengan Hasil Belajar Siswa Melalui Penerapan Model Pembelajaran *Problem Based Learning* Pada Materi Perubahan Lingkungan Kelas X Di SMA Negeri 5 Medan T.P 2023/2024.

Penelitian ini bertujuan untuk mengetahui keterampilan abad 21 dan hasil belajar siswa, mengetahui hubungan antara keterampilan abad 21 dengan hasil belajar siswa, serta kontribusinya melalui penerapan model pembelajaran *problem based learning* pada materi perubahan lingkungan. Populasi dalam penelitian ini adalah seluruh siswa kelas X di SMA Negeri 5 Medan. Sampel dalam penelitian ini adalah siswa kelas X-4 dan X-7 yang berjumlah 71 orang siswa yang ditentukan dengan menggunakan teknik *random sampling*. Penelitian ini menggunakan metode penelitian deskriptif kuantitatif. Instrumen penelitian yang digunakan berupa lembar observasi, tes objektif, dan dokumentasi. Analisis data terdiri dari uji normalitas, linearitas, korelasi, hipotesis, dan determinasi. Hasil penelitian menunjukkan bahwa: 1) keterampilan abad 21 siswa kelas X SMA Negeri 5 mendapatkan persentase rata-rata 53,10% termasuk dalam kriteria “Cukup”. Keterampilan komunikasi memperoleh skor tertinggi yaitu 69,86% dan keterampilan berpikir kreatif memperoleh skor terendah yaitu 18,87%. 2) hasil belajar siswa mendapatkan skor rata-rata *posttest* sebesar 73,75 dalam kategori “Tidak tercapai”. 3) hubungan keterampilan abad 21 dengan hasil belajar siswa melalui penerapan model *problem based learning* berdasarkan uji korelasi *Pearson* mendapatkan nilai korelasi sebesar 0,554 yang termasuk dalam kriteria “Sedang”. 4) besar kontribusi keterampilan abad 21 terhadap hasil belajar siswa adalah 30,7%.

Kata kunci: Keterampilan abad 21, hasil belajar, *problem based learning*, perubahan lingkungan.



ABSTRACT

Yulia Rahmah Fadillah, NIM 4202141002 (2020), The Relationship Between 21st Century Skills and Student Learning Outcomes through the Application of the Problem Based Learning Model in Class X Environmental Change Materials at SMA Negeri 5 Medan T.P 2023/2024.

This study aims to find out 21st century skills and student learning outcomes, determine the relationship between 21st century skills and student learning outcomes, and its contribution through the application of problem based learning models on environmental change materials. The population in this study is all class X students at SMA Negeri 5 Medan. The sample in this study is students in grades X-4 and X-7 totaling 71 students determined using random sampling techniques. This study uses a quantitative descriptive research method. The research instruments used are in the form of observation sheets, objective tests, and documentation. Data analysis consists of normality, linearity, correlation, hypothesis, and determination tests. The results of the study show that: 1) 21st century skills of grade X students of SMA Negeri 5 get an average percentage of 53.10% included in the "Adequate" criterion. Communication skills obtained the highest score of 69.86% and creative thinking skills obtained the lowest score of 18.87%. 2) The students' learning outcomes received an average posttest score of 73.75 in the "Not achieved" category. 3) The relationship between 21st century skills and student learning outcomes through the application of the problem-based learning model based on the Pearson correlation test received a correlation value of 0.554 which is included in the "Moderate" criterion. 4) The contribution of 21st century skills to student learning outcomes is 30.7%.

Keywords: 21st century skills, learning outcomes, problem based learning, environmental change.

