

ABSTRACT

Intan Putri Lingga Utami (1212060060): "The Effect of the Project-Based Learning Model (Differentiating, Organizing, Attributing) Integrated with Quranic Verses and Hadith on Analytical Thinking Skills in Biodiversity"

Analytical thinking skills are essential skills students must possess to face the challenges of the 21st century. This study aims to analyze the effect of the Project-Based Learning Model (Differentiating, Organizing, Attributing) Integrated with Quranic Verses and Hadith on Analytical Thinking Skills in Biodiversity. The research method used was a quasi-experimental study with a non-equivalent control group design. The research data showed that the quality of learning, as measured by the observation sheet, was very good, with an average teacher activity of 95% and student activity of 91%. The good quality of learning received a positive response from students, as measured by the questionnaire response rate, with a percentage of 79%. Analytical thinking skills were measured using a complex multiple-choice test. The experimental class obtained an N-Gain score of 0.58, which is in the moderate category, while the control class obtained an N-Gain score of 0.38, also in the moderate category. The results of the hypothesis test showed a 2-tailed Sig. $0.000 < 0.05$, meaning H_0 was rejected and H_1 was accepted. Based on these results, it can be concluded that the Project-Based Learning (PjBL) model integrated with Quranic verses and Hadith has a positive influence on students' analytical thinking skills in biodiversity.

Keywords: *Analytical Thinking Skills, Biodiversity, Project-Based Learning.*

ABSTRAK

Intan Putri Lingga Utami (1212060060): “Pengaruh Model Pembelajaran Project Based learning (Membedakan, Mengorganisasikan, Mengatribusikan) Terintegrasi Ayat Al-Qur'an dan Hadits terhadap Kemampuan Berpikir Analisis Pada Materi Keanekaragaman Hayati”

Keterampilan berpikir analisis merupakan salah satu keterampilan penting yang harus dimiliki siswa dalam menghadapi tantangan abad ke-21. *Project Based learning* Terintegrasi Ayat Al-Qur'an dan Hadits merupakan model pembelajaran yang dapat melatih kemampuan berpikir analisis. Penelitian ini bertujuan untuk menganalisis pengaruh model pembelajaran *Project Based learning* (Membedakan, Mengorganisasikan, Mengatribusikan) Terintegrasi Ayat Al-Qur'an dan Hadits terhadap Kemampuan Berpikir Analisis dalam Materi Keanekaragaman Hayati. Metode penelitian yang digunakan Adalah kuasi-eksperimental dengan desain kelompok kontrol non-ekuivalen. Data penelitian menunjukkan bahwa kualitas pembelajaran, sebagaimana diukur dengan lembar observasi, sangat baik, dengan rata-rata aktivitas guru 95% dan aktivitas siswa 91%. Kualitas pembelajaran yang baik mendapat respons positif dari siswa, sebagaimana diukur melalui kuesioner respons, dengan persentase 79%. Keterampilan berpikir analisis diukur menggunakan tes pilihan ganda kompleks Kelas eksperimen memperoleh skor N-Gain sebesar 0,58 yang termasuk dalam kategori sedang, sedangkan kelas kontrol memperoleh skor N-Gain sebesar 0,38 yang termasuk dalam kategori sedang juga. Hasil uji hipotesis menunjukkan Sig.2-tailed $0,000 < 0,05$, yang berarti H_0 ditolak dan H_1 diterima. Berdasarkan hasil tersebut, dapat disimpulkan bahwa model pembelajaran *Project Based Learning* (PjBL) terintegrasi ayat Al-Qur'an dan Hadits memiliki pengaruh positif terhadap keterampilan berpikir analisis siswa pada materi keanekaragaman hayati

Kata kunci: Keterampilan Berpikir Analisis, Keanekaragaman Hayati, *Project Based learning*.