

ABSTRAK

Annisa Fujianti : “Pengaruh Model Pembelajaran *Project Based Learning* (PjBL) Berbantu *Edpuzzle* Terhadap Peningkatan Hasil Belajar Siswa Pada Materi Sistem Imun”

Project Based Learning (PjBL) diterapkan untuk meningkatkan hasil belajar dan memberikan pengalaman pembelajaran dalam bentuk proyek. Penelitian ini bertujuan untuk menganalisis keterlaksanaan pembelajaran, peningkatan hasil belajar dan respon siswa terhadap model pembelajaran PjBL berbantu *Edpuzzle* terhadap peningkatan hasil belajar siswa pada materi sistem imun. Metode penelitian yang digunakan yaitu *quasi eksperiment* dengan desain *nonequivalent control group desain* menggunakan dua kelas yaitu XI IPA 2 dan XI IPA 3 dengan subjek penelitian sebanyak 72 siswa. Hasil penelitian menunjukkan rata-rata presentase 75% aktivitas guru dan 87% aktivitas siswa. Data hasil belajar kelas yang menggunakan model pembelajaran PjBL dengan nilai rata-rata *pretest* 66,94 dan nilai rata-rata *posttest* 84,58, sedangkan data hasil belajar kelas yang tanpa menggunakan model *Project Based Learning* berbantu *Edpuzzle* nilai rata-rata *pretest* 43,88 dan nilai rata-rata *posttest* 71,25. Hasil belajar siswa mengalami peningkatan dengan nilai rata-rata kelas yang menggunakan model PjBL berbantu *Edpuzzle* 0,50, sedangkan nilai rata-rata kelas yang tanpa menggunakan model PjBL berbantu *Edpuzzle* 0,45. Respon siswa terhadap model pembelajaran PjBL menunjukkan respon yang positif dengan nilai rata-rata 65,14%. Maka dapat disimpulkan bahwa model PjBL berbantu *Edpuzzle* berpengaruh positif dan signifikan terhadap hasil belajar siswa pada materi sistem imun dengan taraf signifikansi 0,000 yang artinya H_0 ditolak dan H_1 diterima.

Kata Kunci : *Edpuzzle*, Hasil Belajar, *Project Based Learning*, Sistem Imun.

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Project Based Learning (PjBL) is implemented to improve learning outcomes and provide learning experiences in the form of projects. This study aims to analyze the implementation of learning, improving learning outcomes and student responses to the Edpuzzle-assisted PjBL learning model for improving student learning outcomes in the immune system material. The research method used was a quasi-experimental design with a nonequivalent control group design using two classes, namely XI IPA 2 and XI IPA 3 with 72 students as research subjects. The results showed that the average percentage was 75% teacher activity and 87% student activity. Data on class learning outcomes using the PjBL learning model with an average pretest score of 66.94 and an average posttest score of 84.58, while class learning outcome data without using the Edpuzzle-assisted Project Based Learning model average pretest score of 43.88 and the average value of the posttest 71.25. Student learning outcomes have increased with the class average value using the Edpuzzle-assisted PjBL model of 0.50, while the class average value without using the Edpuzzle-assisted PjBL model is 0.45. Student responses to the PjBL learning model showed a positive response with an average value of 65.14%. So it can be concluded that the Edpuzzle-assisted PjBL model has a positive and significant effect on student learning outcomes in the immune system material with a significance level of 0.000, which means that H_0 is rejected and H_1 is accepted.

Keywords: *Edpuzzle, Learning Outcomes, Project Based Learning, Immune System.*