

## ABSTRAK

### **PENERAPAN MODEL PEMBELAJARAN PROBLEM BASED LEARNING BERBANTUAN GOOGLE SITES TERHADAP KEMAMPUAN BERPIKIR KRITIS MATERI INTERAKSI MAKHLUK HIDUP DENGAN LINGKUNGANNYA DI SMP N 3 BANTUL**

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Penelitian ini bertujuan untuk mengetahui penerapan model pembelajaran *Problem Based Learning* (PBL) berbantuan Google Sites terhadap kemampuan berpikir kritis siswa pada materi interaksi makhluk hidup dengan lingkungannya di SMP N 3 Bantul. Model pembelajaran PBL digunakan karena menekankan pada pemecahan masalah kontekstual yang mendorong siswa untuk berpikir kritis, aktif, dan mandiri dalam proses pembelajaran. Penelitian ini menggunakan ekperimental kuasi dengan *Pre&Post group design* yang melibatkan kelas eksperimen dan kelas reguler. Kemampuan berpikir kritis siswa diukur melalui pretest dan posttest, kemudian dianalisis menggunakan uji N-Gain untuk mengetahui peningkatan hasil belajar.

Hasil penelitian menunjukkan bahwa penerapan model pembelajaran *Problem Based Learning* berbantuan Google Sites mampu meningkatkan kemampuan berpikir kritis siswa dengan nilai N-Gain sebesar 0,5479 yang berada pada kategori sedang. Selain itu, penggunaan Google Sites sebagai media pembelajaran membantu siswa dalam mengakses materi, memahami permasalahan, serta mendukung kegiatan diskusi dan pemecahan masalah sehingga model pembelajaran *Problem Based Learning* berbantuan Google Sites dapat dijadikan sebagai alternatif pembelajaran yang efektif untuk meningkatkan kemampuan berpikir kritis siswa.

Kata kunci : *Problem Based Learning*, Google Sites, kemampuan berpikir kritis, interaksi makhluk hidup dengan lingkungannya.

**ABSTRACT**

**THE IMPLEMENTATION OF THE PROBLEM-BASED LEARNING MODEL ASSISTED BY GOOGLE SITES ON STUDENTS' CRITICAL THINKING SKILLS IN THE TOPIC OF INTERACTIONS BETWEEN LIVING ORGANISMS AND THEIR ENVIRONMENT AT SMP N 3 BANTUL**

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*This study aims to determine the implementation of the Problem Based Learning (PBL) model assisted by Google Sites on students' critical thinking skills in the topic of interactions between living organisms and their environment at SMP N 3 Bantul. The PBL model is used because it emphasizes contextual problem solving that encourages students to think critically, actively, and independently during the learning process. This study employs a quasi-experimental design with a pretest–posttest group design involving an experimental class and a regular class. Students' critical thinking skills were measured through pretests and posttests, then analyzed using the N-Gain test to determine the improvement in learning outcomes.*

*The results of the study indicate that the implementation of the Problem Based Learning model assisted by Google Sites is able to improve students' critical thinking skills, with an N-Gain value of 0.5479, which falls into the moderate category. In addition, the use of Google Sites as a learning medium helps students access learning materials, understand problems, and support discussion and problem-solving activities. Therefore, the Problem Based Learning model assisted by Google Sites can be used as an effective alternative learning approach to improve students' critical thinking skills.*

*Keywords : Problem Based Learning, Google Sites, critical thinking skills, interaction of living organisms with their environment.*