

ABSTRAK

Gowasa, Desdayanti, 212111009, Pengaruh Model *Problem Based Learning* Terhadap Kreativitas Dan Kolaborasi Siswa Dalam Pembelajaran IPA Di Kelas VIII UPTD SMP Negeri 7 Gunungsitoli, Skripsi, Pembimbing: Agnes Renostini Harefa, S.Si., M.Pd.

Penelitian ini bertujuan untuk: (1) Membuktikan pengaruh model *problem based learning* terhadap kreativitas; (2) Membuktikan pengaruh model *problem based learning* terhadap kolaborasi; (3) Membuktikan pengaruh model *problem based learning* terhadap kreativitas dan kolaborasi siswa dalam pembelajaran IPA. Model *problem based learning* adalah model pembelajaran inovatif yang memberikan permasalahan nyata sebagai akar dari proses belajar untuk melatih keterampilan berpikir kreatif dan kolaborasi dalam menyelidiki dan memecahkan permasalahan. Peneliti menggunakan pendekatan kuantitatif dengan desain eksperimen semu (*Quasi-Eksperimental Design* dengan *posttest only control design*). Kelas eksperimen sebanyak 23 siswa dan kelas kontrol sebanyak 24 siswa yang dipilih menggunakan teknik *Random Sampling*. Instrumen yang digunakan berupa tes kemampuan berpikir kreatif, angket kolaborasi dan lembar observasi kolaborasi. Hasil uji *Independent Sample t-test* kreativitas siswa menunjukkan nilai sig. (2-tailed) $0,000 < \alpha$ (0,05) yang berarti bahwa *problem based learning* terbukti memberikan pengaruh signifikansi terhadap kreativitas dan pada uji *Independent Sample t-test* kolaborasi siswa menunjukkan nilai sig. (2-tailed) $0,000 < \alpha$ (0,05) yang berarti bahwa *problem based learning* terbukti memberikan pengaruh signifikansi terhadap kolaborasi. Sementara itu hasil uji MANOVA menunjukkan nilai signifikansi $0,000 < 0,05$ yang berarti bahwa *problem based learning* terbukti memberikan pengaruh signifikansi terhadap kreativitas dan kolaborasi.

Kata kunci: Model *Problem Based Learning*, kreativitas, kolaborasi

ABSTRACT

Gowasa, Desdayanti, 212111009, *The Effect of the Problem-Based Learning Model on Students' Creativity and Collaboration in Science Learning in Grade VIII at UPTD SMP Negeri 7 Gunungsitoli*, Thesis, advisor: Agnes Renostini Harefa, S.Si., M.Pd.

This study aims to: (1) prove the effect of the problem-based learning (PBL) model on creativity; (2) prove the effect of the problem-based learning model on collaboration; and (3) prove the effect of the problem-based learning model on both creativity and collaboration of students in science learning. The problem-based learning model is an innovative learning model that provides real-world problems as the root of the learning process to train creative thinking skills and collaboration in investigating and solving problems. The researcher employed a quantitative approach with a quasi-experimental design (posttest-only control design). The experimental class consisted of 23 students and the control class consisted of 24 students, selected using a random sampling technique. The instruments used were a creative thinking skills test, a collaboration questionnaire, and a collaboration observation sheet. The results of the Independent Sample t-test for students' creativity showed a sig. (2-tailed) value of $0.000 < \alpha (0.05)$, which means that problem-based learning has a significant effect on creativity. The Independent Sample t-test for students' collaboration also showed a sig. (2-tailed) value of $0.000 < \alpha (0.05)$, which means that problem-based learning has a significant effect on collaboration. Meanwhile, the MANOVA test results showed a significance value of $0.000 < 0.05$, which indicates that problem-based learning has a significant effect on both creativity and collaboration.

Keywords: Problem Based Learning Model, Creativity, Collaboration