

ABSTRAK

HAVIFAH LUBIS. Pengaruh Model *Project Based Learning* dan Sikap Ilmiah Terhadap Kemampuan Berpikir Kreatif pada Materi Siklus Air di Kelas V SD Negeri 132415 Kota Tanjungbalai. Tesis. Medan: Program Pascasarjana Universitas Negeri Medan, Januari, 2023.

Penelitian ini bertujuan untuk mengetahui: (1) perbandingan kemampuan berpikir kreatif kelompok siswa yang diajarkan dengan model *project based learning* dan kelompok siswa yang diajarkan dengan pembelajaran biasa; (2) perbandingan kemampuan berpikir kreatif kelompok siswa yang memiliki sikap ilmiah tinggi dengan kelompok siswa yang memiliki sikap ilmiah rendah; (3) interaksi antara *project based learning* dan pembelajaran biasa dengan sikap ilmiah dalam mempengaruhi kemampuan berpikir kreatif; dan (4) aspek kemampuan berpikir kreatif yang paling berkembang melalui model *project based learning*. Penelitian ini menggunakan metode eksperimen semu. Populasi dalam penelitian ini seluruh siswa kelas V SDN 132415 Kota Tanjungbalai tahun ajaran 2021/2022. Teknik pengambilan sampel dilakukan dengan *total sampling* yakni kelas VA dan VB. Instrumen penelitian ini berupa tes kemampuan berpikir kreatif dan angket sikap ilmiah. Analisis data dilakukan menggunakan anava dua jalur. Hasil analisis data diperoleh bahwa kemampuan berpikir kreatif kelompok siswa yang diajarkan dengan *project based learning* lebih baik dibanding kelompok siswa yang diajarkan dengan pembelajaran biasa ($\text{sig.} = 0,000 < 0,005$). Kemampuan berpikir kreatif kelompok siswa yang memiliki sikap ilmiah tinggi lebih baik dibanding kelompok siswa yang memiliki sikap ilmiah rendah. Terdapat interaksi antara *project based learning* dan pembelajaran biasa dengan sikap ilmiah dalam mempengaruhi kemampuan berpikir kreatif. Aspek kemampuan berpikir kreatif yang paling berkembang yaitu kemampuan berpikir lancar. Berdasarkan hasil tersebut dapat disimpulkan bahwa model *project based learning* dan sikap ilmiah berpengaruh signifikan terhadap kemampuan berpikir kreatif siswa.

Kata kunci: Kemampuan Berpikir Kreatif, *Project Based Learning*, Sikap Ilmiah, Siklus Air

ABSTRACT

HAVIFAH LUBIS. The Effect of Project Based Learning Models and Scientific Attitudes on Creative Thinking Skills on Water Cycle Material in Class V SD Negeri 132415 Tanjungbalai City. Thesis. Medan: Medan State University Postgraduate Program, January 2023.

This study aims to determine: (1) a comparison of the creative thinking skills of the group of students taught by the project-based learning model and the group of students taught by ordinary learning; (2) a comparison of the creative thinking abilities of groups of students who have a high scientific attitude with groups of students who have a low scientific attitude; (3) the interaction between project-based learning and ordinary learning with a scientific attitude in influencing creative thinking skills; and (4) aspects of the ability to think creatively that is most developed through the project-based learning model. This study uses a quasi-experimental method. The population in this study were all fifth-grade students at SDN 132415 Tanjungbalai City for the 2021/2022 academic year. The sampling technique was carried out by total sampling, namely class VA and VB. The research instrument was in the form of a creative thinking ability test and a scientific attitude questionnaire. Data analysis was performed using two-way ANOVA. The results of the data analysis showed that the creative thinking skills of the group of students who were taught using project-based learning were better than the group of students who were taught with ordinary learning ($\text{sig.} = 0.000 < 0.005$). The creative thinking ability of the group of students who have a high scientific attitude is better than the group of students who have a low scientific attitude. There is an interaction between project-based learning and ordinary learning with a scientific attitude in influencing creative thinking skills. The most developed aspect of creative thinking ability is the ability to think fluently. Based on these results it can be concluded that the project-based learning model and scientific attitudes have a significant effect on students' creative thinking abilities.

Keywords: Creative Thinking Ability, Project Based Learning, Scientific Attitude, Water Cycle.