

## ABSTRAK

ULVA NURJANAH 2023. **Perbedaan Kemampuan Berpikir Kreatif Siswa Berdasarkan *Gender* Melalui Model Pembelajaran Project Based Learning (PjBL) Pada Materi Perubahan Lingkungan (Studi Eksperimen di Kelas X MIPA SMA Muhammadiyah Kabupaten Pangandaran Tahun Ajaran 2022/2023)**. Skripsi Jurusan Pendidikan Biologi. Fakultas Keguruan dan Ilmu Pendidikan Universitas Siliwangi.

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Penelitian ini bertujuan untuk mengetahui perbedaan kemampuan berpikir kreatif siswa berdasarkan *gender* melalui model pembelajaran *project based learning* pada materi perubahan lingkungan di kelas X MIPA SMA Muhammadiyah Kabupaten Pangandaran. Penelitian ini menggunakan pendekatan kuantitatif dengan metode komparatif dengan desain penelitian *Static Group Comparison*. Populasi pada penelitian ini adalah kelas X MIPA sebanyak 47. Sampel pada penelitian ini diambil dengan total *sampling*. Adapun yang menjadi sampel dalam penelitian ini adalah peserta didik kelas X MIPA 1, 14 peserta didik perempuan dan 12 peserta didik laki laki. X MIPA 2, 14 peserta didik perempuan dan 7 peserta didik laki laki. Pengumpulan data dilakukan dengan memberikan soal kemampuan berpikir kreatif sebanyak 8 soal essay. Teknik analisis data yang digunakan adalah *t test independent* dengan bantuan SPSS *versi 29 for windows* dengan nilai signifikansi (0,876). Hasil penelitian menunjukkan tidak ada perbedaan kemampuan berpikir kreatif siswa berdasarkan *gender* melalui model pembelajaran *project based learning* pada materi perubahan lingkungan di kelas X MIPA SMA Muhammadiyah Kabupaten Pangandaran. Temuan lainnya menunjukkan bahwa skor rata – rata kemampuan berpikir kreatif pada peserta didik laki – laki berdasarkan indikator yakni *fluency* (2,21), *flexibility* (2,20), *elaboration* (3,00), dan *originality* (1,37). Serta skor rata – rata kemampuan berpikir kreatif peserta didik perempuan berdasarkan indikator yakni *fluency* (2,17), *flexibility* (2,14), *elaboration* (3,00), dan *originality* (1,41).

**Kata Kunci** : kemampuan berpikir kreatif dan *gender*

## **ABSTRACT**

**ULVA NURJANAH 2023. Differences in Students' Creative Thinking Ability Based on Gender Through the Project Based Learning (PjBL) Learning Model on Environmental Change Material (Experimental Study in Class X MIPA SMA Muhammadiyah Pangandaran Regency Academic Year 2022/2023).** Thesis Department of Biology Education. Faculty of Teacher Training and Education. Siliwangi University.

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*This study aims to determine differences in students' creative thinking abilities based on gender through a project based learning learning model on environmental change material in class X MIPA SMA Muhammadiyah Pangandaran Regency This study uses a quantitative approach with a comparative method with a Static Group Comparison research design. The population in this study was class X MIPA 47 students. The sample in this study was taken by total sampling. The samples in this study were class X MIPA 1 students, 14 female students and 12 male students. X MIPA 2, 14 female students and 7 male students. Data collection was carried out by providing 8 questions about the creative thinking ability . The data analysis technique used was the independent t test with the help of SPSS version 29 for windows with a significance value (0.876). The results showed that there was no difference in students' creative thinking abilities based on gender through a project based learning model on environmental change material in class X MIPA Muhammadiyah SMA Pangandaran Regency. Other findings show that the average score of creative thinking skills in male students is based on indicators namely fluency (2.21), flexibility (2.20), elaboration (3.00), and originality (1.37). As well as the average score of female students' creative thinking skills based on indicators namely fluency (2.17), flexibility (2.14), elaboration (3.00), and originality (1.41).*

**Keywords:** *creative thinking abilities and gender*