

## ABSTRAK

Ramadhan, Lucky. 2025. Tesis. Perbandingan keterampilan berfikir kritis siswa menggunakan model Problem Based Learning dengan Project Based Learning pada mata pelajaran PAI-BP di SMP Negeri 5 Bukittinggi. Program Studi S2 Pendidikan Agama Islam, Fakultas Tarbiyah dan Ilmu Keguruan, Universitas Islam Negeri Sjech M. Djamil Djambek Bukittinggi

Latar Belakang Penelitian ini yaitu rendahnya keterampilan berfikir kritis siswa dalam pembelajaran pendidikan agama islam, yang dibuktikan dengan presentase keterampilan berfikir kritis biasa 50%, berfikir kritis 30% dan 20% tidak berfikir kritis. Untuk mengatasi masalah berfikir kritis perlu diterapkan model pembelajaran yang yang efektif. Diantara model tersebut problem based learning dan project based learning, namun dalam penerapannya kedua model tersebut memiliki kelebihan dan kekurangan, untuk itu perlu diuji efektifitas kedua model pembelajaran tersebut.

Penelitian ini memakai pendekatan kuantitatif dengan desain faktorial 2x2. Populasi berjumlah sebanyak 145 siswa dan sampel berjumlah 58 siswa yang diambil secara random sampling, kemudian dibagi kedalam dua kelompok. Data terkait keterampilan berfikir kritis dikumpulkan melalui tes essay dan dianalisis menggunakan uji t serta memperhatikan sub kelompok siswa dengan kemampuan awal tinggi dan rendah.

Hasil penelitian menunjukkan kemampuan berfikir kritis siswa menggunakan problem based learning lebih baik daripada model project based learning pada anak berkemampuan awal tinggi ( $P = 0,038$ ,  $p < 0,05$ ). Selanjutnya kemampuan berfikir kritis siswa menggunakan problem based learning sama dengan project based learning pada anak berkemampuan awal rendah ( $P = 0,91$ ,  $p > 0,05$ ). Hasil terakhir menunjukkan terdapat perbedaan kemampuan berfikir kritis siswa menggunakan PBL dan PjBL dengan mengabaikan kemampuan awal siswa ( $P = 0,031$ ,  $p < 0,05$ ).

**Kata kunci:** *Keterampilan berfikir kritis, Model pembelajaran, Problem Baaed Learning, Project Based Learning, Pendidikan Agama Islam*

## ABSTRAK

Ramadhan, Lucky. 2025. Thesis. Comparison of students' critical thinking skills using the Problem Based Learning model with Project Based Learning in the PAI-BP subject at SMP Negeri 5 Bukittinggi. Master of Islamic Religious Education Study Program, Faculty of Tarbiyah and Teacher Training, Sjech M. Djamil Djambek State Islamic University Bukittinggi

The background of this study is the low critical thinking skills of students in Islamic religious education learning, as evidenced by the percentage of ordinary critical thinking skills of 50%, critical thinking 30% and 20% not thinking critically. This was explained directly by the PAI subject teacher at school. To overcome the problem of critical thinking, an effective learning model needs to be applied. Among these models are problem based learning and project based learning, but in their application both models have advantages and disadvantages, for that it is necessary to test the effectiveness of both learning models

This study uses a quantitative approach with a 2x2 factorial design. The population was 145 students and the sample was 58 students by random sampling then divided into two groups. The technique of collecting critical thinking skills data was collected through essay tests and analyzed using t-tests and considering subgroups of students with high and low initial abilities..

The results of the study showed that students' critical thinking skills using problem-based learning were better than the project-based learning model in children with high initial abilities ( $P = 0,038$ ,  $p < 0,05$ ). The next result showed that students' critical thinking skills using problem-based learning were the same as project-based learning in children with low initial abilities ( $P = 0,91$ ,  $p > 0,05$ ). The last result showed that there was a difference in students' critical thinking skills using PBL and PjBL by ignoring students' initial abilities ( $P = 0,031$ ,  $p < 0,05$ ).

**Keywords:** *Critical thinking skills, Learning model, Problem Baaed Learning, Project Based Learning, Islamic Religious Education*