

ABSTRAK

Tri Anita Utami, NIM 4191141023 (2023). Pengaruh Model Pembelajaran *Problem Based Learning* (PBL) Terhadap Kemampuan Berpikir Kritis Siswa Pada Materi Sistem Pernapasan Di Kelas XI IPA SMA Swasta Dharma Patra Pangkalan Berandan.

Penelitian ini bertujuan untuk mengetahui pengaruh kemampuan berpikir kritis siswa yang diajarkan dengan model pembelajaran *Problem Based Learning* (PBL) pada materi sistem pernapasan di kelas XI IPA SMA Swasta Dharma Patra Pangkalan Berandan. Penelitian ini termasuk jenis penelitian eksperimen semu (*quasi experimental*) yaitu *Non equivalent group design*. Populasi dalam penelitian ini adalah seluruh siswa kelas XI IPA SMA Swasta Dharma Patra. Sampel yang digunakan dalam penelitian ini, yaitu kelas XI IPA 1 sebagai kelas eksperimen dan XI IPA 2 sebagai kelas kontrol. Sampel berjumlah 64 siswa. Penelitian ini menggunakan tes kemampuan berpikir kritis untuk mengetahui pengaruh kemampuan berpikir kritis siswa kelas XI IPA SMA Swasta Dharma Patra. Hasil penelitian ini menunjukkan bahwa terdapat pengaruh kemampuan berpikir kritis siswa yang diajarkan dengan model pembelajaran *Problem Based Learning* (PBL) pada materi sistem pernapasan di kelas XI IPA SMA Swasta Dharma Patra Pangkalan Berandan dengan rata-rata kemampuan berpikir kritis 74,58 menggunakan model pembelajaran *Problem Based Learning* sedangkan rata-rata kemampuan berpikir kritis kelas kontrol yang tidak diberi perlakuan yaitu 58,73.

Kata kunci: *Problem Based Learning*, Kemampuan Berpikir Kritis, Sistem Pernapasan.

ABSTRACT

Tri Anita Utami, NIM 4191141023 (2023). The Effect of Problem Based Learning (PBL) Model on Students' Critical Thinking Ability Respiratory System Material of XI Grade IPA at Senior High School Dharma Patra Pangkalan Berandan

The advantages of this study to determine the effect of students' critical thinking skills taught using the Problem Based Learning (PBL) model on the material of the respiratory system in class XI IPA at SMA Swasta Dharma Patra Pangkalan Berandan. This study used quasi experimental that consists of non equivalent control group design. The population in this study were all students of class XI IPA at Dharma Patra Private High School. The samples used in this study were class XI IPA 1 as the experimental class and XI IPA 2 as the control class. The sample was 64 students. This study used a critical thinking ability test to determine the effect of critical thinking skills in class XI IPA SMA Swasta Dharma Patra. The results of this study indicated that there was an influence of students' critical thinking skills taught with the Problem Based Learning (PBL) model on the material of the respiratory system in class XI IPA SMA Dharma Patra Pangkalan Berandan with an average critical thinking ability of 74.58 which used the Problem learning model Based Learning while the average critical thinking ability of the control class that was not given treatment was 58.73.

Keywords : Problem Based Learning, Critical Thinking Ability, Respiratory System.