

## ABSTRACT

MARATUL AROFAH FATHONAH, 2025. **THE EFFECT OF *FLIPBOOK*-ASSISTED *PROBLEM BASED LEARNING* MODEL ON STUDENTS' CRITICAL THINKING ABILITIES ON REPRODUCTIVE SYSTEM MATERIAL** (Experimental study in Class XI MIPA of SMA Negeri 4 Tasikmalaya, Academic Year 2024/2025). Education Study Program, Faculty of Teacher Training and Education, Siliwangi University, Tasikmalaya.

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*The challenges of the industrial revolution link technology rapidly which will bring significant changes, especially in the world of education. The characteristics of education in this era are student-centered learning and students are required to have one of the skills, namely critical thinking. However, many students have difficulty in understanding abstract material, which has a negative impact on their ability to think critically, so innovation is needed in their learning. This study aims to determine the effect of the flipbook-assisted problem-based learning model on students' critical thinking skills. This research was conducted from September 2024 to April 2025. The research method used was a quasi-experiment with a non-equivalent pretest - posttest control group design. The population in this study involved all class XI MIPA SMAN 4 Tasikmalaya in the 2024/2025 Academic Year consisting of 2 classes with a total of 60 students. The sample was taken using the purposive sampling technique so that class XI-4 was selected as the experimental class and XI-3 as the control class. The instrument used was a critical thinking essay test consisting of 11 questions that were tested valid and reliable. The data was normally distributed and homogeneous, so the data analysis technique was continued with the ANCOVA test with a significance level of  $\alpha = 0.05$ . Based on the analysis and hypothesis testing, a significance value of  $0.000 < 0.05$  was obtained for critical thinking skills, meaning that there is an influence of the problem based learning model assisted by flipbooks on students' critical thinking skills. It can be concluded that the application of the problem based learning model assisted by flipbooks in learning. Has a good effect on students' critical thinking skills on the material of the human reproductive system.*

**Keywords:** *Problem Based Learning, Flipbook, Critical Thinking Skills.*