

ABSTRACT

FAUZIYAH ISNAENIYAH. 2025. **THE EFFECT OF DISCOVERY LEARNING ASSISTED BY NOTION ON STUDENTS' DIGITAL AND INFORMATION LITERACY SKILLS IN BIOLOGY LEARNING** (Experimental Study in Class X of SMA Negeri 4 Tasikmalaya Academic Year 2024/2025). Department of Biology Education. Faculty of Teacher Training and Education, Siliwangi University.

The development of technology in education provides opportunities for learners to improve their digital and information literacy skills. However, the general condition shows that students are still lacking in using technology wisely and accessing, evaluating, and using information effectively. This study aims to determine the effect of discovery learning assisted by Notion on students' digital and information literacy skills in learning Biology. This research was conducted in January 2025. The research method used was quasi experimental with non-equivalent control group design. The population in this study was class X SMA Negeri 4 Tasikmalaya which amounted to 11 classes, with the sample used as many as 3 classes. The sample was taken by purposive sampling technique, so that class X-1 was obtained as an experimental class, class X-4 as a positive control class and class X-2 as a negative control class. The instruments used were a 42-statement digital literacy questionnaire and a 33-item multiple-choice test of information literacy skills that were tested valid and reliable. The data analysis technique used is the one way ANOVA test with a significance level of $\alpha = 0.05$. Based on the analysis and hypothesis testing, the significance value is $0.046 < 0.05$ for digital literacy skills and $0.048 < 0.05$ for information literacy skills, meaning that there is a significant difference in the treatment of each class. From the results of this study, it can be concluded that there is an effect of discovery learning assisted by Notion on students' digital literacy and information literacy skills.

Keywords: *Notion, Digital Literacy Skills, Information Literacy Skills, Discovery learning, Ecosystem.*