

ABSTRACT

Use of the Zenius Education Application to Improve Student Learning Outcomes in Circulatory System Material. Supervised by Dr. Iwan Setia Kurniawan, M.Pd and Mimi Halimah, S.Pd., M.Si

This research is motivated by a monotonous learning process on the circulatory system material and less attractive learning media. This study aims to determine the increase in student learning outcomes by using the Zenius Education application. The method used in this research is the Pre-Experimental Design (Non-Design) method with the One-Group Pretest-Posttest Design research design. In this study, H_a was accepted because the results of the pretest and posttest data hypothesis test resulted in a significant value (sig. 2-tailed), namely 0.000 (<0.05) and the average N-gain value as a whole was 0.415 indicating a moderate category. The average learning outcomes of class XI Mathematics and Natural Sciences students have been able to achieve the minimum completeness criteria for learning biology on circulatory system material. (8) students who answered strongly agreed, 26.7% (4) students who answered agreed and 20% (3) students who disagreed with their interest in learning using the Zenius Education application.

Keywords: Learning Media, Zenius Education, Student Learning Outcomes