

ABSTRACT

NENENG KURNIASIH. 2024. *The Effectiveness of using Augmented Reality Learning Media on Critical Thinking Skill of Students in Excretory System Material (Experimental Study in Class XI of SMAN 1 Jatiwaras Academic Year 2023/2024)*. Department of Biology Education, Faculty of Teacher Training and Education, Siliwangi University, Tasikmalaya.

Critical thinking skills are an ability that must be possessed by students in 21st century learning because this ability is useful for solving problems and making decisions both in the school environment and outside the school environment. One of the efforts to improve this is through augmented reality learning media. This study aims to determine the effectiveness of using augmented reality learning media on critical thinking skill of students in excretory system material in class XI at SMAN 1 Jatiwaras in the 2023/2024 academic year even semester. The method used in this study was a quasi experiment. The population in this study were all class XI SMAN 1 Jatiwaras with five classes totaling 152 students. The research sample in class XI 5 was 30 students as the experimental class and in class XI 6 there were 27 students as the control class. Samples were taken by purposive sampling technique. The instrument used in this study was a essay test of critical thinking skill in the excretory system material. This test consists of 15 questions. The data analysis technique used is independent t test. Based on the results of data analysis and hypothesis testing, it shows that the significance value of critical thinking skill is less than 0.05, which is equal to 0.000, so it can be concluded that the use of augmented reality learning media is effective on critical thinking skill of students in excretory system material in class XI SMAN 1 Jatiwaras for the 2023/2024 academic year.

Keywords : learning media, augmented reality, critical thinking skill