

ABSTRACT

ASRI SUPRIATIN. 2024. *Application of the Giving Question and Getting Answer (GQGA) Learning Model aided by Flipbook to Students' Critical Thinking Ability in Biology Learning (Experimental Study in Class XI MIPA SMA Negeri 8 Tasikmalaya Academic Year 2023/2024)*. Department of Biology Education, Faculty of Teacher Training and Education, Siliwangi University, Tasikmalaya.

Today's educational process is known as 21st century education which is an educational system that is not apart from the competence of the 21st Century and the use of digital technology. The ability to think critically becomes one of the skills that students must have in order to face the global challenges of the 21st century. One of the efforts that can be made to develop critical thinking skills is to train and encourage students to undertake learning that improves critical thought by using the learning model Giving Question and Getting Answer (GQGA). The purpose of this study was to determine the effect of the Giving Question and Getting Answer (GQGA) model assisted by Flipbook on students' thinking skills on Excretory System material in class XI MIPA SMA Negeri 8 Tasikmalaya Academic Year 2023/2024. The research method used is Quasi Experiment with the matching-only posttest-only control group design. The population in the study was XI MIPA class of SMA Negeri 8 Tasikmalaya in the academic year 2023/2024 consisting of 5 XI MIPA classes. The sample was taken using purposive sampling technique, obtained XI MIPA 2 class as the experimental class and XI MIPA 1 class as the control class. Data collection techniques in the form of critical thinking ability tests in the form of description questions totalling 13 questions about human excretory system material. The data analysis techniques used were prerequisite analysis and hypothesis testing. The data analysis prerequisite test was carried out with the Kolmogorov-Smirnov test with a significance value of $0.200 > 0.05$ and the Levene test with a value of $0.717 > 0.05$. Hypothesis testing using independent t test with a significance value of $0.000 < 0.05$ which indicates that H_0 is rejected, so it can be concluded that there is a significant effect with the application of the Giving Question and Getting Answer (GQGA) model assisted by Flipbook on the critical thinking skills of students on the material of the excretory system in class XI MIPA SMAN 8 Tasikmalaya in the 2023/2024 school year.

Keywords: Critical thinking skills; GQGA; Flipbook.