

ABSTRACT

Endah Purwanti Hanifah, 2018. Immune System Learning Using Video-Based PBL Models to Increase Critical Thinking of High School Students. Advisor 1 Yusuf Ibrahim, M, Pd. and Advisor 2 Ida Yuyu Nurul Hizqiyah, S.Pd., M.Sc..

This research is motivated by the world of education that requires students to have a variety of skills in order to become qualified people capable of facing global competition and the rapid development of science and technology in the 21st century. This study aimed to obtain information on the improvement of high school students' critical thinking skills through problem based models learning in the learning of the immune system. The ability to think critically is a high-level thinking ability that must be possessed by students in order to be able to face the rapid development of the 21st century. This study uses a pre-experimental design method with one group pretest-posttest design. The subject of this research is class XI MIPA 6 totaling 34 students. Sample selection is done by random sampling. The research data was then analyzed using the N-Gain test and Normlita test. The results showed that the N-Gain value was 0.25. Normality test is a test of the distribution of data with a normal distribution of significance <0.005 . In the normality test the pretest significance was 0.226 while the posttest obtained a significance of 0.115. Thus it can be concluded that the data of this research are normal distribution.

Key words :Critical Thinking Ability, Problem Based Learning Model, Immune System.