

ABSTRACT

Hafidah Wagiranti, 2019. *Wikipedia-Oriented Biology Learning To Measure Students' Literacy Information Skills On Bacteria Material*. Guided by H. Dadi Setia Adi, M.Sc., Ph. D. and Rifki Survani, S.Pd., M.Pd.

This research was aiming to measure the ability of information literacy skills and mastering concepts through wikipedia oriented learning on bacterial material. The method used in this research was Pre-Experimental with One-Group Pretest-Posttest research design. The subject of this study was determined by purposive sampling technique, The subject were students of class X MIPA in Pasundan 4 Bandung High School in the odd semester of the 2019/2020 school year. The data from this study were obtained by pretest and posttest, questionnaire, and observation. The pretest and posttest results obtained an average pretest score of 44.52 and an average posttest score of 83.70, and the N-Gain results obtained a score of 0.69 in the medium category. The results of the questionnaire responses of students to learning obtained a score of 75% with a good category. The information literacy skills questionnaire obtained an average score of 3.01, which means the ability of the students' skills was in the good category. The results of observations of student activities during learning obtained a score of 94% with a very good category. The results of this study it can be concluded that biology oriented wikipedia learning can measure students information literacy skills and improve students mastery concepts in bacterial material.

Keywords: *Information Literacy, Wikipedia, , Bacteria.*