ABSTRACT

Imas Fitriyani. 2019. Improving Student Information Literacy Skills through Mastering the Concept of Virus in Wikipedia Oriented Biology Learning, Guided by Dra. Hj. Lilis Suhaerah, M.Kes and Ida Yayu Nurul Hizqiyah, S.Pd., M.Si.

This study aims to determine the increase information literacy skills with Wikipedia-oriented learning through the concept of virus. The method used in this research was Pre-Experimental Design method 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-2 at SMAN 19 Bandung in the odd semester of the 2019-2020 school year. The results of research on cognitive aspects obtained an average pretest score of 60 and an average posttest score of 80 and from the N-Gain test results obtained a score of 0.49 in the medium category. The results of the ability of Information Literacy obtained an average score of 85.76% with a very good category and student questionnaire responses to learning obtained an average score of 74.44% with a good category. The results of research on the affective aspects get an average score of 82% with a very good category and psychomotor aspects get an average score of 70.93 with a good category. Based on the results of these studies, it can be concluded that Wikipedia-oriented learning can improve information literacy skills and mastery of concepts in viral material.

Keywords: Information Literacy, Wikipedia, Virus.