

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 Yuyu 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.