

ABSTRACT

Resi Tri Handayani, 2019. **Use of Blog-Based Learning Media to Improve Student Learning Outcomes on Cell-Material**. Supervisor I Prof. Dr. H. Toto Sutarto Gani Utari, M.Pd. Advisor II Gurnita, S.Si., M.Pd

Blog is a web that has a lot of writings on its web pages, and the order is arranged chronologically (time of events) starting from the most recent posting on the top of the main page, also used to post information, news, videos, images based on the website. In the education's world, blogs are used as learning media to find or post learning resources. The objective of this research was to find out students' improvement in student learning outcomes by using blog-based learning media on cell material in SMA PGII 2 Kota Bandung. This research used pre-experimental methods with one group pretest and posttest design. The analysis used was the normality test, homogeneity test, average difference test, and gain normality test. The results of this research showed that the N-Gain value was 0.6 with moderate criteria. The result of the average difference test was significant with a value of $0.00 < 0.05$, so it could be stated that there were significant differences between the pretest and posttest data. It could be concluded that there was students' improvement in student learning outcome by using blog-based learning media.

Keywords: Blog-Based Learning Media, Cells.