

ABSTRACT

Ramadhan, Yanka Pramudya Naufal. 2024. The Effect of Waste Management Education on Knowledge at Jenderal Sudirman Kalipare High School, Malang Regency, Thesis Poltekkes Kemenkes Malang Applied Bachelor Program in Health Promotion. Supervisor I Fiashriel Lundy, S.Kep. Ns., M.Kes, Supervisor II Dr. Farida Halis Dk, S.Kp, M.Pd.

Based on the results of preliminary studies at Jenderal Sudirman Kalipare High School, Malang Regency, it was found that many teenagers littered, the trash bins were not separated by type of waste, and waste management was only burned without applying the 3R principle (reduce, reuse, recycle). This study aims to analyze the effect of waste management education through video media on the knowledge of Jenderal Sudirman High School students. The research method used is a quantitative approach with a pre-experimental design using a “one group pre-test post-test” design. The study population was 81 students of SMA Jenderal Sudirman Kalipare. The sample was determined using Slovin formula and the sampling technique used was simple random sampling. The research instrument was a questionnaire. Statistical tests were conducted using the Wilcoxon method because the scale used was ordinal. The statistical test results showed a value of 0.000 which means there is a significant effect of waste management education on student knowledge at SMA Jenderal Sudirman Kalipare.

Keywords: Knowledge, Waste Management, Education