

Hajratanto Wijanarko. 2026. Development of Comic Media to Improve Students Science Literacy on the Material of Earth Structure and Its Development. Thesis, Sciences Education Major, Faculty of Education, University of Trunodjoyo Madura. Advisor: Aditya Rakhmawan.

ABSTRACT

This research was conducted because scientific literacy in several junior high schools in the Burneh area of Bangkalan Regency, the average scientific literacy was in the poor category. The measurement of scientific literacy is carried out so that it can equalize students' science skills at junior high school level in Indonesia and become evaluation material for better scientific literacy rankings in the future. One media that can help to increase scientific literacy is using science comic-based media. The research took place in classes IX-F and VIII-i of SMPN 2 Bangkalan with subjects totaling 30 application samples and 10 limited test samples. This research uses the ADDIE model as a stage in media development. Before the media is applied, the media is first tested in terms of media suitability and material suitability which obtains a total score of 90.00% and 81.25% with appropriate criteria. The media then continued to the application test stage in class VIII-i by obtaining readability and response scores in the application test of 86.1% and 85.6% which gave a positive value to the media provided. Students obtained an average pretest and posttest score of 41.6% and 71.5%, which means that there was an increase in N-Gain of 0.51 with a moderate increase category.

Keywords: ADDIE, science comics, science literacy