

ABSTRACT

Penerapan Model *Project Based Learning* (PjBL) Berbantuan Tiktok Terhadap Kemampuan Komunikasi Matematis Siswa Kelas VII Smp Integral Luqman Al-Hakim Sumenep. Ayu Andika Putri

Keywords: Project Based Learning (PjBL) Model, Tik Tok, Mathematical Communication Skills

This study aims to describe (1) the application of TikTok-assisted Project Based Learning (PjBL) model in mathematics learning for class VII students of Integral Middle School Luqman Al-Hakim Sumenep and (2) the mathematical communication skills of students in the application of the TikTok-assisted project based learning (PjBL) model is seen from high, medium and low abilities. There are 3 research subjects, namely students with high mathematical abilities (ST), students with moderate mathematical abilities (SS), and students with low mathematical abilities (SR). The research method used was a qualitative descriptive approach and a qualitative research type. Data collection techniques were carried out by means of observation, interviews, provision of TKM and TKKM, as documentation. The results of this study indicate that implementation of Tik Tok-assisted project based learning (PjBL) model has gone well, the class average for project assessment scores reaches 3.5 with a high interpretation. Mathematical communication ability students with high mathematical ability are able to look at available information on problems properly and are able to communicate the results of their work in a detailed manner. Mathematical communication ability students with moderate mathematical abilities are able to examine information available in problem, but are still unable to communicate the results of their work appropriately. Meanwhile, the mathematical communication ability of students with low mathematical ability is able to find out information contained in the problem, but has not been able to communicate results of their work