

ABSTRACT

Khoirunnisa. 2023. *Implementation of Development of Learning Media with Articulate Storyline 3.0 as a TPACK Component to Improve Students Analysis Ability on Animalia Material. Supervised by Dr. drh. Nia Nurdiani, M.Si., Cita Tresnawati, S,Pd., M.Pd.*

Students experience difficulties in thinking analytically to understand Animalia material because the use of learning media that is less effective and efficient results in students not playing an active role during learning so that interactive learning media that is student-centered is needed. The use of Articulate Storyline in the TPACK framework can increase student interaction in learning. The research objective was to determine the increase in students analytical abilities through learning using media developed with Articulate Storyline within the TPACK framework on Animalia material. The research method uses a Pre-Experimental Design designed with a One-Group Pretest-Posttest Design. The research was conducted at SMA Pasundan 3 Bandung with a sample of 34 students in class X MIPA 3 selected by Purposive Sampling technique. The research instrument was in the form of multiple choice questions to measure students analytical abilities and questionnaires to measure students responses. The pretest score was 31.32 and the posttest was 83.23 with an N-gain of 62%, including the high category. The results of the questionnaire responses of students who answered "Yes" were 90.1% and those who answered "No" were 9.9%. Implementation of developing learning media with Articulate Storyline as a TPACK component in learning Animalia material can improve students analytical abilities. Suggestions for further research to explore more material in making pretest and posttest so as to produce quality questions.

Keywords : Articulate Storyline 3.0, Animalia, TPACK