

ABSTRACT

Nurhidayah. 2021. "Development of Pop-Up Question-Based Learning Video Integrated with Religious Character in Human Digestive System Material of *MTs* Students". *Thesis*. Science Education Study Program, Graduate School State University Of Semarang, Indonesia. Advisor I Dr. Jumaeri, M.Si., Advisor II Dr. Endang Susilaningsih, M.S.

Pop-up questions are questions that appear suddenly as notifications in the video. They are integrated with religious characters in the form of verses from the Qur'an and hadith, as well as discipline attitude in eating etiquette. This study aimed to test the validity, practicality, and effectiveness of a pop-up question-based learning video that integrates the religious character in human digestive system material. The subjects of this study were students of class VIII A and VIII C of *MTs Mazro'illah Lubuklinggau*. This research is a type of research and development (R&D) using the ADDIE (Analysis, Design, Development, Implementation, Evaluation) model. The data collection instruments in this study consisted of interview guides, expert validation questionnaires, practicality questionnaires, and test sheets. The results of the data analysis showed that the experts stated that the three learning videos developed were very valid with an average score for the first video 89.7%, the second video 91.4%, and the third video 90.8%. The learning videos that have been declared valid are then tested on students to find out the practicality of the learning videos developed. The results of the practicality questionnaire showed that there were good responses by students and teachers with an average score of 85% and 84%. The learning videos that were developed were then implemented for students to find out the effectiveness on aspects of knowledge and attitudes. The test results showed that the students' knowledge aspect was still in the poor category with an average score of 55.2%, whereas the attitude aspect of the students was in very good category with an average score of 92.5%. From the results, the pop-up question-based learning video integrated with religious characters in human digestive system material was declared to be very valid, practical, and effective in terms of religious attitudes but not good in good category in terms of knowledge.

Keywords: Learning Video, Pop-Up Questions, Religious Character