

# Effectiveness of the Media learning Islamic Religious Education (The PAI) -based Sparkol Videoscribe

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**Abstract.** Thinking about the status of elementary school children is a concrete operation. At this stage, the child is very interested in the things that draw attention to audio-visual. On the subject of Islamic religious Education (PAI), most of the material is abstract, with the help of learning media to make it easier for students to understand the material. In this study used audio-visual learning media by utilizing the Sparkol videoscribe application. SeThe development of information technology, Teachers are required to utilize technology in education. Through this Videoscribe app, teachers can easily operate it to create interesting and fun learning so that the student's learning motivation increases. The goal that is to be achieved from this research is 1) to know the application of media-based learning of Sparkle Videoscribe on the theme learning of angelic name and its function. This research is *field research* with the data collection techniques used in the study of documents, observations, interviews, and questionnaires.

## 1. Introduction

The PAI (Islamic religious education) material is in the area of supporting character education. Through the division of the PAI (Islamic religious education) students are taught Aqidah as a foundation of religious, taught the Qur'an and hadith as a guideline of his life, taught fiqh as the signs of law in worship, teach the history of Islam as an example of life, and teaches morality as the guideline of human behaviour whether in the good or bad category[1]. Therefore, the main goal of PAI learning is the personality formation of the students that is reflected in the behaviour and pattern of the mindset in everyday life. In addition, the success of PAI learning in one of them is also determined by the proper application of learning methods[2].

There are several methods of learning in the outline of the methods often used in learning Islamic education: lectures, questions and answers, discussion, giving assignments, experiments, demonstrations, tutorials/guidance and problem-solving (problem-solving). PAI (Islamic religious education) methods of learning have benefits for educators and students, both in the learning and learning process and in everyday life, even for tomorrow[3].

Adapting to the technological era, learning activities are required to reduce the use of lecture methods and can be enriched with the use of learning media, the role of learning media becomes increasingly important. Information and communication technology (ICT) is a program, for assistive devices, manipulation and conveying information. The learning process of Islamic education can be more comprehensive in finding information, manipulation, management and transfer of knowledge or information transfers so that integrating ICT in the learning process becomes an important role in developing students' thinking skills, developing ICT skills for the smooth learning process, improving teacher professionals in the use of ICT media especially in PAI lessons, and transforming schools into creative and dynamic learning institutions so that students, always curious in PAI learning. Broadly the

media can be classified over media graphs, audio media, silent projection media, game media and simulation. Effective learning requires good planning one of the media to be used in the learning process[4].

Innovations in education play an important role in the current era considering learning methods are now growing. One of the methods of innovations can impact the improvement of the learning system and improve the quality of education. Thus, new methods or new ways of executing the learning process can be an effort to improve the effectiveness of learning. Meanwhile, innovations in technology also need to be considered because many products from the technological outcome can be used to improve the quality of education, such as its use for learning technology and management of educational information. This innovation in learning methods and learning technology is related to the use of learning media. Teachers are required to apply more than one type of learning media. Because learning using multimedia can be more effective and efficient, so it can improve student learning outcomes.

The role of teachers, especially as the facilitator in organizing the PPK, becomes the entry point of success, and also as a vehicle to fulfil the obligation of teaching hours[5]. Found some teachers still use lecture methods in the learning process, so it looks conventional. Teachers rarely use learning media, especially IT-based learning media. Teachers' skills and creativity through the development of learning media are still minimal because teachers have never participated in the training of learning media making. Teachers are required to develop the skills of making learning media, let alone the media is not yet available in school. For that, the teacher must have sufficient knowledge and understanding of the learning media.

VideoScribe is a program to make an animation with a whiteboard and video. You can make videos that are as if they were hand-drawn without animation knowledge. This style is also known as "explorer" video and has become increasingly popular for marketing and educational purposes, by making short videos of ordinary children's stories and being able to use almost all the features easily without prior experience. VideoScribe is the best video animation software for most people[6].

Sparkol Videoscribe app as one of the effective solutions for teachers to develop interesting and exciting IT based learning media. In addition, the app is easy to operate for beginners, like teachers. This app can be used for all subjects. Teachers can improve their skills and creativity through this app to create interesting learning media. The abstract subject matter can be displayed concrete through this media so that students can complete the material as a whole and more meaningful.

## **2. Method**

This research is a type of *field research* conducted at SDN Malangrejo Ngemplak Sleman Yogyakarta for three months covering the following stages.

### **2.1. Research Preparation**

The early stages are the search for a variety of cutting-edge references on Learning Media Education Islamic based *Sparkol videoscribe*.

### **2.2. Pemartificial instrument Research**

At this stage, it is used for the creation of interview sheets to teachers, learning observation sheets in classrooms, and questionnaire sheets to find out the effectiveness of the media-based Pie learning of Sparkol videoscribe.

### **2.3. Research Data Retrieval**

Retrieval of research data through documentation, observations wawancara, interviews and questionnaire. Observation used to collect data on the implementation OF PAI learning using *Sparkol videoscribe*-based Learning media. Interviews are used to collect data related to students' responses to the implementation of learning. Documentation to take photographs of observation or other data retrieval activities. The questionnaire is used to retrieve the data of the media.

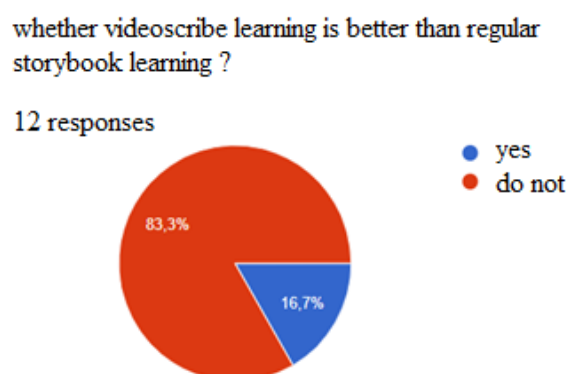
### **2.4. Presentation of research results**

At this stage are a form of research data, discussion, reporting, and publication of research results. The data analysis technique used is with data *reduction*, data presentation (*display Data*), and draw

conclusions. Subsequent data analysis results in the validity check through triangulation checks, membership checks, and referential adequacy.

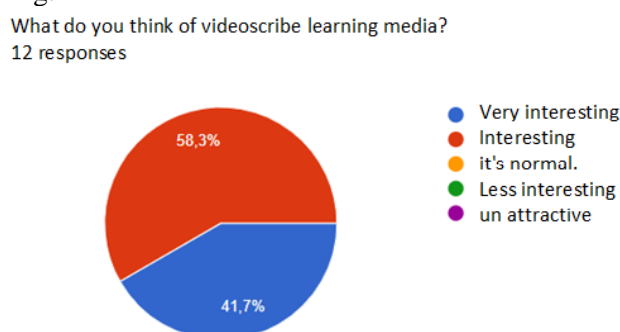
### 3. Result and Discussion

The research that has been done produces more interactive and more interesting media learning, especially in the delivery of religious material than conventional learning media. Based on the tests done resulted in 83.3%, answering that VideoScribe was better than a regular storybook.



**Figure 1.** VideoScribe was better than a regular storybook

Then based on an interest in religious learning using VideoScribe This resulted in 58.3% interesting and 41.7% very interesting. This means that religious learning with VideoScribe is able to attract learning especially religious learning.



**Figure 2.** VideoScribe is able to attract learning especially religious learning

- Then, compared to the usual religious studies given using ordinary storybooks, generating 58.3% can be very, and 41.7% can attract religious learning better than ordinary storybook



**Figure 3.** can attract religious learning better than ordinary storybook

- Based on the results obtained, VideoScribe learning media, especially religious learning, is able to provide positive results, because nowadays children have started to more like learning which is interactive and interesting. VideoScribe provides many interesting features that can be implemented in learning, especially religious lessons. Equipped with hand-moving animations, changeable music, and transitions make VideoScribe able to provide different and better learning than just storybook based learning.

His research also in accordance with the research results from Nurul Imamah 2018, namely, Media VideoScribe is a video-shaped media and white base screen that can be used for animation easily and according to the user. Advances in information technology and communication can be used in the manufacture of teaching materials. But the application is still many teachers who have not been able to utilize it, even the use of methods and media monotonous is still quite popular among teachers in the learning process. Moreover, in religious learning, one of them is Aqidah Akhlaq. The use of a medium serves to convey the message uniformly to the learners. In this case, to convey a message from an educator to a student is required a medium. One of them is VideoScribe media. The result of this research was first based on the results of pre-test and post-test obtained by the students of MTs Darul Ulum Purwodadi class VII in subjects Aqidah Akhlaq Akhlaq material is praised, the value of learners before the application of media VideoScribe is 15, and the highest value is 65. While the lowest value after applying VideoScribe media is 0, and the highest value is 80. And the average value known after the implementation is greater than the value before application ( $48.06 > 38.06$ ) It shows a post-test better than a pre-test which means learning media improves learners' understanding. Second based on the results of the test Analysis Paired sample T-Test obtained the significance number 0.007 where the significance numbers are smaller than 0, 05 then hypothesized that there is the influence of the application of VideoScribe media to increase the understanding of Aqidah Akhlaq in MTs Darul Ulum Purwodadi accepted and  $H_0$  rejected[7].

Similarly, the research from Ika Novia Is VideoScribe Media is a video-shaped medium and white base screen that can be used for animation easily and according to the user. Advances in information technology and communication can be used in the manufacture of teaching materials. But the application is still many teachers who have not been able to utilize it, even the use of methods and media monotonous is still quite popular among teachers in the learning process. Moreover, in religious learning, one of them is Aqidah Akhlaq. The use of a medium serves to convey the message uniformly to the learners. In this case, to convey a message from an educator to a student is required a medium. One of them is VideoScribe media. The result of this research was first based on the results of pre-test and post-test obtained by the students of MTs Darul Ulum Purwodadi class VII in subjects Aqidah Akhlaq Akhlaq material is praised, the value of learners before the application of media VideoScribe is 15, and the highest value is 65. While the lowest value after applying VideoScribe media is 0, and the highest value is 80. And the average value known after the implementation is greater than the value before application ( $48.06 > 38.06$ ) It shows a post-test better than a pre-test which means learning media improves learners' understanding. Second based on the results of the test Analysis Paired sample T-Test obtained the significance number 0.007 where the significance numbers are smaller than 0, 05 then hypothesized that there is the influence of the application of VideoScribe media to increase the understanding of Aqidah Akhlaq in MTs Darul Ulum Purwodadi accepted and  $H_0$  rejected[8]. Last research is aligned that is research from Norma Dewi Shalikhah with result Research 1) Creating an edutainment atmosphere in thematic learning using a video interpreter that looks out from the results of a poll of students stating an 82.3% pleasant atmosphere, an 83.3% conducive learning environment, 81.4% interest, and 79.6% involving all the senses and thoughts; and 2) Thematic learning using a scientific approach in the form of observing, asking, trying, methods of analyzing and communicating can be done through a video clerk[9].

#### 4. Conclusion

Religious learning by using VideoScribe Learning Media is the following conclusion:

- Now it takes innovation and change in learning media, especially related to religion by using interactive and innovative learning media such as VideoScribe
- In delivering religious material, VideoScribe is able to produce 83.3% better than a regular storybook
- The features and learning generated with VideoScribe resulted in 58.3% interesting and 41.7% very interesting than regular book learning media.
- Learning by using VideoScribe is 58.3% highly able, and 41.7% can attract religious learning better than ordinary storybooks.

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