

## THE EFFECT OF USING SERIAL IMAGES MEDIA ON NARRATIVE WRITING SKILLS

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### ABSTRACT

The purpose of this study: (1) to describe the improvement of students' narrative essay writing skills before using serial Images media, (2) to describe the improvement of students' essay writing skills after applying serial Images media Mattoanging, (3) analyzes that there is an effect of applying serial Images media to the narrative essay writing skills of the students. This research is comparative quantitative research with the approach of Pre-Experimental Design with the type of One-Group Pretest-Posttest design. Sampling was carried out using a saturated sampling technique, namely 21 students. The research instruments used were performance tests, observations, and documentation. The data analysis technique used is descriptive statistical analysis and inferential statistics by conducting a T-test. The results of the study through IMB SPSS Statistics Version 24 showed that students' narrative essay writing skills before using pretest serial media images obtained an average of 48 in the less category. . The results of students' narrative essay writing skills after using the posttest serial image media obtained an average of 88 in the very good category. The effect of using serial Images media on students' narrative essay writing skills can be seen from the hypothesis test, which shows  $t \text{ count} = 10.087 > t \text{ table} = 1.72$  with a real level = 0.05 so that  $t \text{ count}$  is in the  $H_0$  resistance area, which means  $H_0$  was rejected and the  $H_1$  hypothesis was accepted. The research implies that superior teachers know and understand the principles of learning and mastering the skill of writing narrative components as a guide for managing a good class.

**Keywords:** Essay writings; serial images; teaching skills

### 1. INTRODUCTION

Learning media has an important role in increasing students' interest in learning, many students have not been able to think abstractly. so that the material taught by the teacher needs to be visualized in a more fundamental or concrete form. Ramen A. Purba's statement stated that learning media is essential to implementing education in schools. Through learning media, it will be easier for

teachers to convey material and students will be more helpful and easy to learn. Meanwhile Asnawir and Usman stated the importance of using instructional media as an integral part of a teaching system and not just as a tool that functions as an adjunct that is used when deemed necessary and only used at any time when needed. The importance of media being used in the learning process is also explained in the National Education System Law No. 20 of 2003 Article 40 paragraph 2 regarding education and educational staff it is said that:

Education and education staff are obliged to create an educational atmosphere that is meaningful, fun, creative, dynamic and dialogical. The Law on the National Education System explains that in learning, teachers cannot teach only by using the lecture method, it can create students become bored, as a result students do not understand what is conveyed by the teacher. Learning media is very important to use, convey messages, can stimulate the thoughts, feelings, and abilities of students so as to create a learning process for students.

Based on research conducted by Syibli Mauruf and Susi Lisnawati entitled "The Effect of Using Serial Image Media on the Indonesian Speaking Skills of Class III MI Al-Washliyah Perbutulan Cirebon Regency." This research showed significant results in using serial Images media on students' speaking skills. Therefore, the researcher took this research as a reference that the use of serial Images media can also affect the skills of writing narrative essays by looking at the steps for using serial Images media.

Research from Irna Sari entitled "The Effect of Using Visual-Based Learning Media in the Form of Snakes and Ladders Game on Motivation Based on the results of the research above, there is an effect of using learning media on students' learning motivation. Therefore, the researcher makes it a reference in using serial Images media as a medium that motivates students to write narrative essay skills.

One of the learning media that can make it easier for teachers is serial Images media. Because the order of the Images is one with the Images others have a coherent relationship that tells an event.

As the Words of Allah swt in QS Al Qalam/68:1-4.

ن وَالْقَلَمِ وَمَا يَسْطُرُونَ ﴿١﴾ مَا أَنْتَ بِنِعْمَةِ رَبِّكَ بِمَجْنُونٍ ﴿٢﴾ وَإِنَّ لَكَ لَأَجْرًا غَيْرَ مَمْنُونٍ ﴿٣﴾ وَإِنَّكَ  
لَعَلَىٰ خُلُقٍ عَظِيمٍ ﴿٤﴾

“1. Noon. I swear by the pen and what the angels write, 2. By the grace of your Lord you are not mad. 3. And most surely you shall have a reward never to be cut off. 4. And most surely you conform (yourself) to sublime morality.”

The verse above explains about the qalam (pen) that everything that is written has a great influence and benefits for humans as a tool for writing down the knowledge they learn. As for the results of the initial interview with the homeroom teacher of the Indonesian language subject in class IV SDN Mattoanging, in the learning process, students experience a feeling of boredom when learning Indonesian. Especially the use of punctuation marks, namely periods and commas, which are not precise in writing and errors in writing capital letters, some students also sometimes have an unclear and incomplete storyline.

Based on the description above, this research is considered important to be carried out to determine students' narrative essay writing skills before and after using serial Images media. Therefore, researchers are encouraged to research on. "The effect of serial Images media on Grade IV students' narrative essay writing skills at SDN No.252 Mattoanging, Kec. West Bangkala Kab. Jenepanto”.

## 2. METHODS

This study used comparative quantitative research with a Pre-Experimental Design approach with a One-Group Pretest-Posttest Design. 252 Mattoanging Kec. West Bengal, Kab. Jeneponto. The population in this study were 21 class IV students. The samples in this study were class IV students, totaling 21 people. The sampling technique used by researchers is the saturated sampling technique because all populations are sampled. Furthermore, the data collection methods used were tests, observations, and documentation. The analysis technique used is descriptive statistics and inferential statistics.

### 3. RESULTS AND DISCUSSION

#### Description of Students' Narrative Essay Writing Skills Before Using Serial Images Media

Based on the table above, it is shown that the skills of writing narrative essays before using serial Images media obtained data from two students who scored 32, one student who scored 39, eight students who scored 44, six students who scored 50, one student who got a score of 56, two students who got a score of 63, and one student who got a score of 75. So from the table above, data is obtained which will then be processed using the following formula:

**a. Define ranges**

$$R = X_t - X_r$$

$$R = 75 - 32$$

$$= 43$$

The range of skills in writing narrative essays for students before using serial Images media is 43.

**b. Determine the Number of Interval Classes**

$$K = 1 + 3,322 \log$$

$$= 1 + 3,322 \log 21$$

$$= 1 + 3,322 \cdot 1,32$$

$$= 1 + 4,642$$

$$= 5.6 \text{ rounded up to } 6$$

The value of the class interval for students' narrative essay writing skills before using serial Images media is six.

**c. Determine the interval value with the formula:**

$$p = \frac{R}{K}$$

$$= \frac{43}{6}$$

$$= 7$$

The value of the skill interval for writing narrative essays of students before using serial Images media is seven.

**d. Calculating Means**

$$\begin{aligned}
 M_x &= \frac{\sum f_i \cdot x_i}{\sum f_i} \\
 &= \frac{1.017,5}{21} \\
 &= 48
 \end{aligned}$$

The mean value of students' narrative essay writing skills before using serial Images media is 44.

**e. calculate the standard deviation**

$$\begin{aligned}
 S^2 &= \frac{\sum F_i \cdot (X_i - X)^2}{(n-1)} \\
 &= \sqrt{\frac{1.858,3}{21}} \\
 &= \sqrt{88,5} \\
 &= 9
 \end{aligned}$$

$= \sqrt{(1.858,3)/21} = \sqrt{88.5} = 9$  The standard deviation value of students' narrative essay writing skills before using serial Images media is 12.

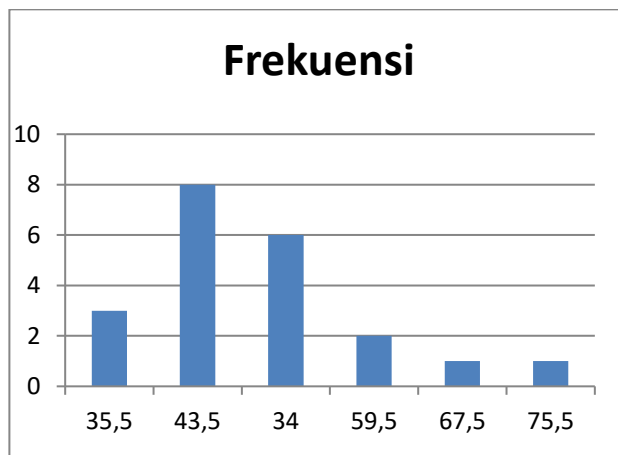


Figure 1. Histogram of pre-test frequency of narrative essay writing skills

Based on Figure 4.1, it is shown that students' narrative writing skills before using serial Images media, three students got a score of 35.5, eight students who got a score of 43.5, six students who got a score of 48, two students who got a score of 59, and one student who got a score of 67.5 and 75.5.

It was shown that the results of students' narrative essay writing skills after using serial Images media obtained data from six students obtaining a score of 75, eleven students obtaining a value of 88, and four students obtaining a value of 94. So from the table above, the data is processed using the formula as following:

**a. Define Ranges**

$$R = X_t - X_r$$

$$R = 94 - 75$$

$$= 19$$

The value range of students' narrative essay writing skills after using serial Images media is 19.

**b. Determine the Number of Interval Classes**

$$K = 1 + 3,322 \log$$

$$= 1 + 3,322 \log 21$$

$$= 1 + 3,322 \cdot 1,32$$

$$= 1 + 4,642$$

$$= 5.6 \text{ rounded up to } 6$$

The interval class value of students' narrative essay writing skills after using serial Images media is six.

**c. Determine the interval value with the formula:**

$$p = \frac{R}{K}$$

$$= \frac{19}{6}$$

$$= 3$$

The interval value of the students' narrative essay writing skills after using serial Images media is three.

**d. Calculating Means**

$$\frac{\sum f_i \cdot x_i}{\sum f_i}$$

$$M_x = \frac{\sum f_i \cdot x_i}{\sum f_i}$$

$$= \frac{1.800,5}{21}$$

= 85.7 round 86.

The mean value of students' narrative essay writing skills after using serial Images media was 86.

**e. calculate the standard deviation**

$$\begin{aligned}
 S^2 &= \frac{\sum Fi.(Xi-X)^2}{(n-1)} \\
 &= \sqrt{\frac{639,55}{21}} \\
 &= \sqrt{30,5} \\
 &= 5,5
 \end{aligned}$$

The standard deviation value of students' narrative essay writing skills after using serial Images media is 6.8.

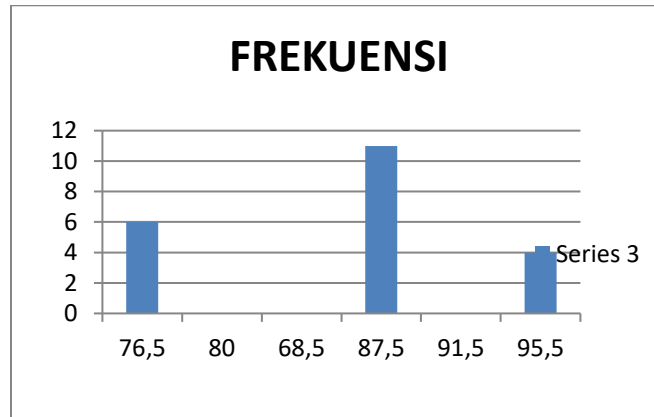


Figure 2. Post test frequency histogram of narrative essay writing skills

Based on Figure 4.2 it can be shown that, the number of students who have the skills to write narrative essays after using serial image media obtained data from six students who received a score of 76.5, eleven students who obtained a score of 87.5, and four students who obtained a score 95.5. Based on the results above, it can be concluded that the greatest frequency of narrative writing skills after using serial Images media is in the very good category, which is in the interval 85-100.

**The Effect of Using Serial Images Media on the Narrative Essay Writing Skills**

The analysis used is inferential statistical analysis. To carry out inferential statistical analysis in testing hypotheses, it is necessary to first test the basics including normality tests and linearity tests.

**a. Normality Test**

Table 1. Normality Test of Students' Narrative Essay Writing Skills Before and After the Use of Serial Images Media

<b>Class</b>	<b>Sig</b>	<b>Evidence</b>
<b>Before</b>	<b>0,40</b>	<b>Normal</b>
<b>After</b>	<b>0,200</b>	<b>Normal</b>

Based on the results of processing using SPSS version 24, which is contained in the attachment to the One-Sample Kolmogorov-Smirnov Test data analysis, before using serial image media, the sig. = 0.40 for  $\alpha = 0.05$ , this shows sig. >  $\alpha$ . While the results of data analysis after the application of serial image media obtained sig. = 0.200 for  $\alpha = 0.05$ . Means that the data on narrative writing skills using serial image media is normally distributed.

**b. Linearity Test**

Table 2. Linearity Test of Students' Narrative Essay Writing Skills Before and After Using Serial Images Media

<b>Variabel</b>	<b>F</b>	<b>Sig.</b>	<b>Evidence</b>
XY	0.509	0,791	Linear

Based on the results of the linearity test, it is known that the calculated F value = 0.509 and the Sig. deviation from linearity is 0.791 > 0.05, it can be concluded that there is a linear relationship between the use of serial Images media on students' narrative writing skills.

**c. Hypothesis testing**

Table 3. Test the Skills Hypothesis Writing Narrative Essays of Students Before and After the Use of Serial Images Media

<b>T-value</b>	<b>T-table</b>	<b>Sig.</b>	<b>Evidence</b>
10,087	1,72	0,002	There is a difference



Based on the test results of the IBM SPSS Statistics version 24 program,  $t_{count} = 10.087 > t_{table} = 1.72$  with a significance level = 0.05 and so  $t_{count}$  is in the  $H_0$  rejection area, which means that the  $H_0$  hypothesis is rejected and the  $H_1$  hypothesis is accepted. In addition, it can be seen in table 4.11  $sig. = 0.002 < 0.05$ . This shows a significant difference in narrative writing skills before and after using serial Images media.

### **Students Narrative Essay Writing Skills Before Using Serial Images Media**

This research was conducted on fourth-grade students at SDN No. 252 Mattoanging Kec. West Bangkala Kab. Jeneponto. The variable in this study was students' narrative essay writing skills, measured using a test instrument consisting of 4 assessment rubrics, namely the title, story line, use of full stop and comma punctuation and capital letters, and neat writing. The test was given to 21 students with an assessment score of 1-4.

Based on the data obtained, before the application of serial Images media, the highest score was obtained on the pre-test, namely 75, the lowest score was 32, the average score was 48 and the standard deviation was 9. Based on these data, it can be seen that students' narrative essay writing skills before using serial image media in class IV SDN No. 252 Mattoanging Kec. West Bangkala Kab. Jeneponto before implementation is classified in the less category. there is one student (5%) is in a good category, three students (14%) are in the sufficient category, and seventeen students (81%) are in the less category. So, it can be concluded that the greatest frequency of narrative writing skills using serial image media is in the lowest category, at intervals  $< 40$ .

### **Students Narrative Essay Writing Skills After Using Serial Images Media**

This research was conducted on fourth-grade students at SDN No.252 Mattoanging Kec. West Bangkala Kab. Jeneponto. Based on the data obtained after using serial Images media, the highest score was obtained in the post-test, namely 94, the lowest score was 75, the average score was 86 and the standard deviation was 5.5. Based on these data, it can be seen that students' narrative essay writing skills after using serial image media in class IV SDN No. 252 Mattoanging Kec. West Bangkala Kab. Jeneponto. After the application is classified in the very good category. There were fifteen students (71%) who were in the very good category and six students (29%) were in the moderate category. it can be concluded that the greatest frequency of narrative writing skills using serial image media is in the Very Good category, which is in the interval 86-100.

## The Effect of Using Serial Images Media on Narrative Essay Writing Skills

It has been stated previously that, for hypothesis testing, the t-test formula is used with a significance level of  $\alpha = 0.05$ . The conditions that must be met for hypothesis testing are the data obtained that are normally distributed and have significant variance. Therefore, the normality and linearity tests are first carried out before testing the hypothesis. The normality test aims to see whether the data on narrative writing skills do not deviate from a normal distribution. In contrast, the linearity test aims to see whether the population has linearity. Based on the processing results of the normality test using SPSS version 24 which is attached to the analysis of the One-Sample Kolmogorov-Smirnov Test, the data obtained a sig before applying the serial image media. = 0.40. for  $\alpha = 0.05$ , this shows sig.  $> \alpha$ . While the results of data analysis after the application of serial image media obtained sig. = 0.200 for  $\alpha = 0.05$ . This means that the data on narrative writing skills using serial image media is normally distributed.

Based on the results of the linearity test, it is known that the calculated F value = 0.509 and the Sig. deviation from linearity of 0.791  $> 0.05$ , it can be concluded that there is a linear relationship between the use of serial Images media on students' narrative writing skills

Next is a hypothesis test to determine the increased value of narrative writing skills. Based on the test results of the IBM SPSS Statistics version 24 program, tcount = 10.087  $>$  ttable = 1.72 with a significance level = 0.05 and so t-value is in the H0 rejection area, which means that the hypothesis H0 is rejected and hypothesis H1 is accepted. In addition, it can be seen in table 4.15 sig. = 0.002  $< 0.05$ . This shows a significant difference in narrative writing skills before and after the application of serial Images media.

The results of this study are supported by previous research conducted by Kurni Tri Maulida who examined "The Effect of Using Images Series Media on Simple Essay Writing Skills in Indonesian Language Learning for Class III MI AT-Thohiriyah Students, Pedurungan District, Semarang City, 2017/2018 Academic Year". Based on the results of data processing using the One Group Pretest Posttest Desaign method and analyzed using statistical analysis techniques, the highest pretest score before being given treatment was 75, and the highest posttest score was 81. Based on the test the two hypotheses mean that t-value = 2.882 and t-table = 1.998. The final t test shows that

in this study  $t\text{-value} > t\text{-table}$ , the application of serial image media affects improving simple essay writing skills in class III MI AT-Thohiriyah Semarang.

## CONCLUSIONS

Based on the data obtained in this study, the following conclusions can be drawn: the skills of writing student narrative essays before using serial Images media in class IV SDN No. 252 Mattoanging Kec. West Bangkala Kab. Jeneponto is in the less category. Meanwhile, the skills of writing narrative essays for students after using serial Images media are in the very good category. It sums up that the application of serial image media positively affects students' narrative essay writing skills. Based on the results of the research that has been stated above, as the limitations that the writer has in this study, the writer will present several implications in this research as the hopes to be achieved as well as completeness in the preparation of this study.

Teachers should know and understand the principles of learning and mastering the components of narrative writing skills as a guide for managing a good class. 252 Mattoanging Kec. West Bangkala Kab. Jeneponto. For students at SDN No. 252 Mattoanging Kec. West Bangkala Kab. Jeneponto to be able to improve writing skills by actively paying attention when the teacher asks questions, explaining lessons and answering questions and being disciplined when participating in learning.

For future researchers, if you want to do similar research, you should use different research methods and research other factors that influence variables. As for completing this questionnaire, the authors hope that it can be a contribution of thought and be used as reference material.

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