

**THE EFFECT OF THE USING PICTURE AND
PICTURE MODEL ON STUDENTS' WRITING
ABILITY IN PROCEDURE TEXT
TO THE TENTH GRADE OF SMA NEGERI 1
ANGKOLA TIMUR**

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Abstract: *This study aims to know whether there is a significant effect of the using picture and picture model on students' writing ability in procedure text to the tenth grade of SMA Negeri 1 Angkola Timur. The research was conducted by using experimental method (pretest posttest one group design) with 69 students as the sample and they were taken by using cluster sampling technique from 102 students. Test and observation were used in collecting the data. Based on descriptive analysis, it could be found (a) the average of the using picture and picture model was 2.90 (good category) and b) the average of students' writing ability in procedure text before using picture and picture model was 69.49 (enough category) and after using picture and picture model was 77.01 (good category). Furthermore, based on inferential statistic by using t_{test} one tail, it could be found t_{table} was less than t_{test} ($9.05 > 1.667$). It means, there is a significant effect of the using of picture and picture model on the writing' ability in procedure text to the tenth grade students of SMA Negeri 1 Angkola Timur.*

Keywords: *Picture and picture model and writing procedure text*

Abstrak: Tujuan dari penelitian ini adalah untuk mengetahui apakah ada pengaruh yang signifikan dari penggunaan model gambar dan gambar terhadap kemampuan menulis siswa teks procedure di kelas X SMA Negeri 1 Angkola Timur. Penelitian ini menggunakan metode eksperimen dengan desain penelitian pra-eksperimental; satu kelompok pre-test post-test design. Populasi dalam penelitian ini adalah semua siswa kelas sepuluh yang terdiri dari 102 siswa. Teknik sampling yang digunakan pada penelitian ini adalah cluster sampling dan jumlah sampel terdiri dari 69 siswa. Dalam mengumpulkan data, peneliti menggunakan lembar observasi untuk mendapatkan data dalam penggunaan model pembelajaran gambar dan gambar dan tes untuk mendapatkan data kemampuan siswa dalam menulis procedure text. Peneliti menggunakan proses statistik dalam menganalisis dengan menggunakan rumus uji t. Berdasarkan data yang telah dianalisis, hasil analisis data menunjukkan bahwa t hitung lebih tinggi dari $t_{tabel} > t_{test}$ ($9.05 > t_{tabel} 1,667$). Jadi, hipotesis diterima. Ini berarti ada pengaruh

signifikan penggunaan model pembelajaran gambar dan gambar terhadap terhadap kemampuan menulis siswa teks procedure di kelas X SMA Negeri 1 Angkola Timur.

Kata kunci: model pembelajaran gambar dan gambar, procedure teks.

I. INTRODUCTION

Teaching language is expected to help learners to know themselves, their culture, and others culture of, put forward his ideas and feelings, participate in a language-based society, and finding and using analytical skills and imaginative in themselves. English learning directed to improve the ability of learners to communicate in English well and correctly, both on a regular basis oral and written, and cultivate an appreciation of the work Indonesian human literature.

In educational system in Indonesia, English is included in curriculum for elementary school, junior high school, senior high school level, vocational school or university. In curriculum, in learning of English has the purpose to develop four language skills: listening, speaking, reading and writing. In this research, the writer focuses on writing Aspect. Writing is one of the language skills used to communicate indirectly. Writing is used by educated people to record, convince, report, and influence others. This goal can only be achieved if one can compose his ideas clearly and easily understood.

In improving the students' ability in using English skill such as writing, the students have to choose appropriate vocabularies to arrange words to be a sentence and develop it to be paragraph. Besides that, it also have to use a compatible tense to express an event in certain time. In English there are

many types of text, such as narrative, descriptive, procedure, expository and so on. One type of genre in writing that is taught in Senior High School is procedure text. Procedure text is a text that is designed to describe how something is achieved through a sequence of actions or steps.

Based on the interview with the teacher of English at tenth grade students of SMA Negeri 1 Angkola Timur. Students can not write in standard of language and standard vocabulary. Student often mixing the language they use daily and mixing their local language. Apart from the students, the teacher is still not yet using interesting models and learning media attention and involve students directly in the learning activities, so that students are less eager in the activities learning and learning have not centered on students but rather on the teacher centered. In this case, the students get difficulty when they study writing. From the data of English teacher, it was found that the result of their writing especially in procedure text material is only on average 70. Apparently their score is still under the standard, while the criteria of minimum mastery (KKM) at tenth grade students of SMA Negeri 1 Angkola Timur is 75.

From the data which is got then it is necessary to apply innovative learning activities to improve the quality of learning English by using teaching model. Actually, there are many models that can be used in teaching writing procedure text, such as: picture and picture, problem solving, think pair share, guide note taking, make a match, inquiry, student team achievement division, and so on. One of the models in increasing the students' writing skills

especially in writing procedure texts is picture and picture model. So, to solve the problem the writer set an alternative action to improve English learning achievement on aspects of writing ability at Tenth Grade Students of SMA Negeri 1 Angkola Timur by using picture and picture model. By using this teaching model the writer believes this model makes the students interested in writing has to be developed.

There are many efforts that have been made by the teachers, the school or government to improve students' achievement to be maximum such as completed the learning facilities, by improving the quality of educators through certification programs by the government, the provision of learning resources in the form of books, media and providing motivation to students, the teachers' way in teaching, and forming study groups. But, the problem still not able to solved, and the teachers should develop their ability to find out a good method or model to teach some English lesson.

If this problem is not solved, it would have been a significant effect on educational goals such as the failure of the students in examination, students motivation is low and may be students will be bored in teaching and learning process. In order to helping students in writing procedure text, the researcher will try to use picture and picture model. So, the writer wants to help the students give new information and knowledge about technique of writing procedure text.

1. The Nature of Writing Procedure Text

Maharani (2007: 7), "Writing is pouring what you feel, think, and know through written language. One goal is to share experiences with readers". Iwuk (2007:3) says that, "By writing, we can convey what we hear. We write the results of learning to hear to know our ability to hear".

In writing, the students must understand about genre of texts and students should know many kinds of genre such as narrative, descriptive, report, explanation, exposition, procedure, spoof, and recount text. In this research, the writer will choose the procedure text. According to Iwuk (2007: 70), "Procedure text contains directions or instructions to do something. This text is used to show how something should be done based on certain steps. The steps are a series of activities that cannot be placed randomly".

Next, Iwuk (2007: 76), "Report text description of something (object, place, or animal). Report text also describes something specific and detailed". It is supported by Siahaan in Winda (2017: 16) says that, "Procedure text is any written English text in which the writer describes how something is accomplished through a sequence of action or step".

Based on some description above, the writer can be concluded that procedure text is any kinds of genre that actually tell us about how to do or how to make something and usually give us the steps.

Ruswinarsih (2015: 15) states that, "The communicative purpose of this text is to tell of how to do and to make something in a chronological order". Maharani (2007: 70) also states that the generic structure of procedure text is as follow: "Aim- Materials-Steps. Aim contains the purpose of the activity or

title. Materials contain the materials needed. In the materials section is optional (may or may not exist). Steps in the form of steps to perform such activities”.

Setyawan (2008: 3) the language features found in a procedure text are: 1) Sentence in imperative form. Example: Turn right!, 2) The sentence, in simple present tense form. Example : Ensure they are fresh banana, 3) Sometimes use future form. Example: In this recipe, you will need sugar, 4) The meaning is purposed to the person. Example: First (you) cut a banana into small slices, 5) Using adverb of manner. Example: Clearly, well, carefully, 6) Using linking word to connect sentence in text. Example: First, when, before, 7) Sometime procedure text consist of picture or diagram.

2. Nature of The Using Picture and Picture Model

One of the learning model that can motivate the students to learn is picture and picture model. Picture and picture model is a learning model that uses images and paired/sorted into a logical sequence. According to Istarani (2012: 6), “Picture and picture is a series of teaching materials by showing concrete pictures to students so that students can understand clearly about the essential meaning of the teaching materials presented to him”. Next, Suprijono (2015: 125) says that, “The picture and picture model is a teaching model that uses media images and paired or sorted into a logical sequence”.

In using picture and picture model there are several steps that the teacher needs to pay attention to as the opinion of Huda (2014:237) states

that, "Some steps in picture and picture model are: a) Presentation of competence, b) presentation of the material, c) presentation of the picture, d) ordering the picture, and e) conclusion.

Based on some opinions above, it can be concluded that picture and picture model is basically one of the learning strategies that can answer the problem of how learning is meaningful, fun, creative, and in accordance with the existing reality and more involving students actively learn, both mentally, intellectually, physically, and social. Picture and picture model which is the media pictures. A good picture used in learning is a picture that fits the learning objectives.

II. METHODOLOGY OF THE RESEARCH

The writer takes the place of this research in SMA Negeri 1 Angkola Timur which is located at Jalan Sapiro, Desa Marisi pargarutan. This research used experimental method with pre-experimental research design; one group pre-test post test design. In collecting data with one group pre-test post test design, the research used test and observation sheet as the instrument. The test is used to measured the students' achievement in writing procedure text and the observation sheet is used to observe the researcher in using picture and picture model.

The procedures of this research design were: 1) the students are given pre-test first and the researcher got the data, 2) the researcher applied the treatment to increase the students' achievement, 3) after the treatment is

given, the students are given post-test and the researcher got the data, 4) the scores of pre-test and post-test are compared by the researcher.

The research used quantitative data which is gotten by the researcher from calculating mean, median, and mode score from the test of procedure text and observation sheet of picture and picture model. In analyzing the data, the researcher used t_{test} formula to look for the significant effect of picture and picture model on the students' ability in writing procedure text.

III. RESULT

After conducting the research in SMA Negeri 1 Angkola Timur by contributed observation sheet and test to the tenth grade students to see the effect of picture and picture model on the students' ability in writing procedure text. Then, the researcher described the data which are calculated by using statistical analysis. First, the application score of picture and picture model is described in the table below.

Table 1. Result of Observation Sheet of Picture and Picture model on the Students' Writing in Procedure text

No	Indicator	Mean
1	Presentation of Competence	2.50

2	Presentation of the Material	3.00
3	Presentation of the Picture	3.25
4	Ordering the Picture	2.75
5	Closing	3.00
Score Total		1450
Score Mean		2.90

Based on the result obtained from the analysis of observation sheet about the using of picture and picture model on the students' ability in writing procedure text at the tenth grade students which contains 20 statement about the steps and the mean of the score for each indicators are 2.50 for Presentation of Competence, 3.00 for Presentation of the material, 3.25 for Presentation of the picture, 2.75 for ordering the picture and 3.00 for closing. After all of the score are totaled, the mean of the score was 2.90. So that, the mean was included in the "Good" criterion.

The mean of pretest was 69.49 and it was categorized as a “Enough” achievement. The mean of posttest was 77.01 and it was as a “Good” achievement. The table showed that pretest score was higher than posttest score. In analyzing data to look for the effect of picture and picture model on the students’ ability in writing procedure text, the researcher does the hypothesis testing by using t_{test} and the result can be seen on the calculation below.

$$\bar{D} = \frac{D}{N} = \frac{1180}{69} = 17.10$$

$$t = \frac{\bar{D}}{\sqrt{\frac{\sum D^2 - \frac{(\sum D)^2}{N}}{N(N-1)}}$$

$$t = \frac{17.10}{\sqrt{\frac{36950 - \frac{(1180)^2}{69}}{69(69-1)}}$$

$$t = \frac{17.10}{\sqrt{\frac{36950 - (1392400 : 69)}{69 \times 68}}$$

$$t = \frac{17.10}{\sqrt{\frac{36950 - 20179.71}{4692}}}$$

$$t = \frac{17.10}{\sqrt{3.5742}}$$

$$t = \frac{17.10}{1.8906} = 9.05$$

Based on the testing hypothesis from calculation above, it is determined confidence degree is 95% and degrees of freedom (df) = (N - 2) = 69-2 = 67. Therefore, it can be seen t_{tabel} 1.667 ratio between t_{test} by t_{tabel} is seen that $t_{\text{test}} > t$ table that is $9.05 > 1.667$. Based on the consultation result of the score, the alternative hypothesis formulated in this research is accepted, it means that, "There is a significant effect of the using of picture and picture model on the writing' ability in procedure text to the tenth grade students of SMA Negeri 1 Angkola Timur."

IV. DISCUSSION

Based on the observation sheet result of picture and picture model on the students' ability in writing procedure text, the researcher found that the score was 2.90. The score is categorized as "Good" criterion. Furthermore, the result of the students' in writing in procedure text before using of picture and picture model the mean score of the students is 69.49, it can be categorized into an enough category. While the the students' writing ability in procedure text after using picture and picture model the mean score of the students is 77.01, it can be categorized into a good category. It means that there is an

improvement on the students' ability in writing procedure text after taught by using picture and picture model.

The improvement was happened because the application of picture and picture model in teaching procedure text was good, so that the students were more active to follow the teaching and learning process, and the teaching and learning process will be more fun and not boring because in learning the students also can play and develop their ability in deliver their opinion. It means that picture and picture model had the significant effect to make the students able to write and easier to understand in writing procedure text.

CONCLUSION

Based on the results of the data analysis in chapter IV, the writer can be concluded some conclusions from this research as follows:

1. The using of picture and picture model in students' writing ability in procedure to the tenth grade students of SMA Negeri 1 Angkola Timur is good category. It can be seen from the average or mean score of the students, that is 2.90.
2. The students' writing ability in procedure text before using of picture and picture model the mean score of the students is 69.49, it can be categorized into an enough category. While the description of the students' writing ability in procedure text after using picture and picture model the mean score of the students is 77.01, it can be categorized into a good category.

3. The hypothesis in this research was accepted. It means that “There is a significant effect of the using of picture and picture model on the writing’ ability in procedure text to the tenth grade students of SMA Negeri 1 Angkola Timur”. It can be seen from the value of t_{test} is higher than the value of t_{table} ($9.05 > 1.667$).

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