

# THE EFFECT OF USING INDEX CARD MATCH (ICM) MODEL FOR RAISING THE STUDENTS' SKILLS IN WRITING DESCRIPTIVE TEXT

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## ABSTRAK

*Penelitian ini dilakukan oleh penulis untuk mengetahui apakah ada pengaruh yang signifikan dengan menggunakan index card match (ICM) untuk meningkatkan kemampuan siswa dalam menulis teks deskriptif pada kelas sepuluh SMA Negeri 3 Padangsidempuan pada tahun akademik 2016-2017. Dalam penelitian ini, penulis menerapkan sampel penelitian. Jumlah sampel sebanyak 30 siswa. Pendekatan dari penelitian ini adalah media gambar untuk pembelajaran, dan sebagai instrumen pengumpulan data, penulis menggunakan kuesioner untuk variabel X dan uji untuk variabel Y. Setelah mengumpulkan data yang dibutuhkan, langkah selanjutnya yang dilakukan oleh penulis adalah menghitung skor rata-rata menggunakan model Index Card Match (ICM) untuk meningkatkan kemampuan siswa dalam menulis teks deskriptif dengan menggunakan rumus Anas Sudijono. Langkah selanjutnya adalah menguji hipotesis dengan menggunakan analisis statistik dalam hal ini Koefisien Pearson's Product Moment ( $r_{XY}$ ). Hasil data menunjukkan bahwa rata-rata skor index card match ( $M_X$ ) adalah 78,33, dan data menunjukkan bahwa rata-rata skor kemampuan siswa dalam menulis teks deskriptif ( $M_Y$ ) adalah 76,1. Dan untuk analisis data yang terkumpul telah didapat, "Ada pengaruh yang signifikan dari index card match (ICM) untuk meningkatkan kemampuan siswa dalam menulis teks deskriptif ke kelas sepuluh SMA Negeri 3 Padangsidempuan pada tahun akademik 2016-2017. "Itu bisa dilihat dari nilai korelasi ( $r_{XY}$ ), yaitu 0,80, di mana setelah mengkonsultasikannya dengan tabel interpretasi  $r_{XY}$  maka bisa dikategorikan menjadi kategori korelasi tinggi. Sehingga, di dapat dinyatakan bahwa index card match (ICM) bagus untuk diaplikasikan untuk meningkatkan kemampuan siswa dalam menulis teks deskriptif.*

*Kata Kunci :menulis, teks deskriptif, index card match (ICM)*

## ABSTRACT

This research is conducted by the writer in order to know whether there is a significant effect of using index card match (ICM) model for raising the students' skills in writing descriptive text to the tenth grade of SMA Negeri 3 Padangsidempuan in 2016-2017 academic year or not. In this research, the writer applies the sample of research. The number of sample is 30 students. The approach of this research is pictures media for learning, and as instrument for collecting the data, the writer uses the questionnaires for variable X and the test for variable Y. After collecting the needed data, the next step which is done by the writer is calculating the mean score of using index card match (ICM) model for raising the students' skills in writing descriptive text by using the formula of Anas Sudijono. The next step is testing the hypothesis by using the statistical analysis in this case the Pearson's Product Moment Correlation Coefficient ( $r_{XY}$ ). The result of the data shows that the mean score of the using index card match (ICM) model ( $M_X$ ) is 78.33, and the data shows that the mean score of the students' skills in writing descriptive text ( $M_Y$ ) is 76.1. And for the analysis of



collected the data it has been got that, "There is a significant effect of index card match (ICM) model for raising the students' skills in writing descriptive text to the tenth grade of SMA Negeri 3 Padangsidempuan in 2016-2017 academic year." It can be seen from the value of correlation ( $r_{xy}$ ), that is 0.80, in which after consulting it to the table of interpretation of  $r_{xy}$  it can be categorized into high correlation category. So that, it can be stated that the index card match (ICM) model is good to be applied for raising the students' skills in writing descriptive text.

Key words : writing, descriptive text, index card match (ICM)

## I. INTRODUCTION

Communication is the most important thing done by humans to interact with others in the world. Communication is also known by the daily activities that are commonly used to give or receive information. To make a good communication, people have to master the language. Language is a communication tool by humans to interact, exchange ideas, views and insights.

In our country, Indonesia, there are several types of known languages, namely; each local language, mother tongue, namely Indonesian, even foreign languages such as Chinese, Arabic, English, and many more familiar heard. In addition to local languages in Indonesia, the English language has also been increasingly applied in everyday life.

In learning a new language, such as English, learners have to master the four basic language skills, namely listening, speaking, reading and writing. Writing is one of the main points to master the English language. Writing well is a process resulting from a product. Writing is the mental work inflating ideas, thinking about how to express and organizing them into the statement and paragraph. Writing English it is purpose to express and impress ideas, imagines, feeling as outlined in various types of paper, namely; articles, novels, poems, letters, essays and each other.

In the Kurikulum Tingkat Satuan Pendidikan (KTSP) syllabus of junior and senior high school curriculum require student to be able to write some kinds of genre in writing. They are spoof, narrative, recount,

procedure, report, anecdote, analytical exposition, hortatory exposition and description.

There is an English learning method that can facilitate the student in writing. This method is called Active Learning Method. In the Active Learning Method there are many models learning were proposed and can be applied in raising the student's ability in English writing skills especially writing descriptive text, such as; The Power of Two Procedure, Reading Guide, Info Research, Team Listening, Active Debate and Index Card Match. But who wants to be presented by the writer of Active Learning Method is the Index Card Match (ICM) Model. An active learning, fun and easy to implement by using media images that are useful to raising the student's ability in English writing especially to write the descriptive text by media images that have been provided an English teacher.

In the use of Index Card Match (ICM) Model, students are asked to play an active role in the learning process. Watched carefully when the teacher explains the rules applied in the Index Card Match (ICM) Model. Through the medium of the rendered image of a teacher, students are also asked to summarize the results of the study in writing.

Based on the explanations above, the writer is interested to do the research which is related to that problem by title "the effect of using index card match (ICM) model for raising the students' skills in writing descriptive text".

Beside the above reasons, the writer has chosen the topic based on the following reasons:



1. The writer is interested to know how far the effect of using Index Card Match (ICM) Model for raising the students' skills in writing descriptive text to the tenth grade student of SMA Negeri 3 Padangsidempuan in 2016-2017 academic year is.
2. The writer has chosen Index Card Match (ICM) Model because it is easy used in writing descriptive text.

Problem is a contradiction between what should be and what had happen. Based on the background of research the writer has found the problems, to make the problem is clearer in this research; the writer will formulate the problems as : "Is there a significant effect of using Index Card Match (ICM) Model for raising the students' skills in writing descriptive text to the tenth grade student of SMA Negeri 3 Padangsidempuan in 2016-2017 academic year?"

In one study, writers are not only aware of the issue in her research, but also must have a purpose. From the formulated problem the purposes of the research is to know whether the Index Card Match (ICM) Model can raising the student's skill in writing descriptive text to the tenth grade of SMA Negeri 3 Padangsidempuan in 2016-2017 academic year.

Beside the above main purpose, the writer conducts this research based on the following purpose : "In order to know whether there is a significant effect of using Index Card Match (ICM) Model for raising the students' skills in writing descriptive text to tenth grade student of SMA Negeri 3 Padangsidempuan in 2016-2017 academic year or not".

Hypothesis is a tentative answer to the question proposed. Arikunto (2006) says that hypothesis is a tentative answer to the research problem until it proved for the data collected.

Based the explanation above, the hypothesis of this research can be formulated as "There is a significant effect of using index

card match model for raising the students' skills in writing descriptive text to the tenth grade of SMA Negeri 3 Padangsidempuan in 2016-2017 academic year".

## II. THE REVIEW OF LITERATURE

### Effect

As a definition which is taken from <http://en.wikipedia.org/wiki/Effect> states: "Effect is mostly commonly used as a noun meaning the result or impact something. Effect is a change that results when something is done or happens. Something brought about by a cause or agent; a result, the state of being operative or functional; operation or execution; accomplishment or fulfillment."

### Index Card Match (ICM) Model

Good teaching includes teaching students how to learn, how to remember, how to think, and how to motivate themselves. The reasons why students need to learn strategic practices for learning is they contend that for learning to occur, students must be able to remember newly acquired information so that they can retrieve the information and use it whenever necessary.

This is a fun way more active in reviewing the subject matter. It allows students to pair up and play a quiz with classmates (Silberman, 2009).

Suprijono (2013) describe, "Index Card Match (mencari pasangan kartu) adalah suatu strategi yang cukup menyenangkan digunakan untuk memantapkan pengetahuan siswa terhadap materi yang dipelajari). (The Index Card Match (look for pairs of cards) is a strategy that is quite fun to use to consolidate students' knowledge of the material being studied).

Hisham Zaini, Bermawiy Munthe, and Sekar Ayu Aryani (2008) describe, "Strategi yang cukup menyenangkan yang digunakan untuk mengulang materi yang telah diberikan sebelumnya". (The index card match was



"Quite fun strategy used to repeat material that has been given previously).

Based on expert opinions above, the writer can conclude that the definition of Index Card Match (ICM) Model is repeat method of learning by being active and fun by using media images to be matched by the students.

## **Writing**

Writing is a way sending messages from the writer to the reader. Writing is assumed as an important language skills in order to convey the messages.

According to Alice Oshima and Ann Hogue (1997): "Writing is progressive activity. This means that when you first write something down, you have already been thinking about what you are going to say and how you are going to say it. Then after you finished writing, you read over what you have written and makes changes and corrections. Therefore, writing is never a one step actions, it is process that has several steps".

As a statement which taken from <http://en.wikipedia.org/wiki/Writing> states: "Writing is the representation of language in a textual medium through the use of a set of signs or symbols (known as a writing system)".

## **Descriptive Text**

As we know that writing is assumed as one of the language skills which is very important to be mastered by the student. So, it can be used for giving information or messages to others. And, the next dominant variable in the topic of this script is the word 'descriptive text'.

Descriptive is a written English text in which writer describes an object. In this text, the object can be a concrete or abstract object. It can be a person, or an animal, or a tree, or a house, or camping. It can be any topic.

Referring to the terms of the descriptive text, Antono Wardiman, Masduki B. Juhur, and Sukirman Juma in their book

English in focus state: "A descriptive text is a text to describes the features of someone, something, or a certainly place. It consist of introduction and description. Introduction is the part of the paragraph that introduce the characters, and description is the part of the paragraph that introduces the characters.

According to Hyland (2014), "Descriptive is a text which has social purpose to give an account of imagined of factual events". Hyland explains more about description that it tends to use present tense, and description make use of "be" and "have".

There are three stages within a descriptive text:

- a. Identification : Has purpose to define, for classify or generalize about phenomenon
- b. Aspect : Has purpose to describe attributes of each category of the phenomenon
- c. Conclusion : Has purpose to sum up the description

## **The Frame of Mind**

Index Card Match (ICM) Model is a method of learning fun and active way to review the subject matter by using media images to be matched by the students.

Whereas, writing is a way sending messages from the writer to the reader. When you first write something down, you have already been thinking about what you are going to say and how you are going to say it. Writing is never a one step actions, it is process that has several steps. In writing descriptive text, the writer describes an object or phenomenon from the pictures.

Therefore, it is absolutely assumed that there is a significant effect of Index Card match (ICM) Model for raising the students' skills in writing descriptive text.

## **III. THE METHOD OF RESEARCH**

When doing a research, a writer must have a tool, in which its function is to collect



the data from the field. According to Arikunto (2006): "Instrument is the tool or facility which is chosen and used by the writer in his activity to collect in order to that activity become systematically and can be easily to getting result more good".

In order to get the needed data, of course the writer need the instrument. The instruments should be appropriate to the main purpose of carrying out the research. Because this research concern with the study of the effect of using index card match, so that the questioner is regarded as most appropriate instrument for getting the needed data and for getting the needed data about the student's skill in writing descriptive text writer chooses the test.

The questioner consist of the list of questions consists that of 10 items of questions. Each item contains in this instrument has 3 options.

The highest score of questioners is 20. When the after scoring all the items of questioners, then the writer calculates the sum of the scores. And in order to get the scores 0-100 the writer multiples the score with 5. So the highest score can be got by a student is 100. It is got from the total scores by student multiplied by  $5 \times 20 = 100$ , it is said so because the number of using index card match (ICM) model questioners is 10 items.

For the test of writing skill that consist of 20 items, if a student can answer one item of the test correctly, he will get score 5. It means that if a student can answer all the items of the test correctly, he will get score 100. It is got from  $20 \times 5 = 100$ . This is the highest score can be got by the student.

In this research the writer uses correlation research. According to Gay in Sukardi book (2013): "Correlational research is a research study that involves collecting data in order to determine whether and to what degree a relationship exists between two or more quantifiable variables".

According to Arikunto (2013): "Penelitian kolerasional merupakan penelitian yang dimaksudkan untuk mengetahui ada tidaknya hubungan antara dua atau beberapa

variabel. Dengan teknik korelasi seorang peneliti dapat mengetahui hubungan variasi dalam sebuah variabel dengan variabel lainnya". It means correlation research is the mean of researched know the relationship 2 variable or more. The technique of correlation could know the relationship between a variable with another variable.

From the explanation above the writer chooses correlation method to be the research method. Because the writer intends to knows the casual relationship between the variables.

The population of this research is the tenth grade of first semester of SMA Negeri 3 Padangsidempuan in 2016-2017 academic year. It consists of 292 students and they are divided into 8 classes.

The writer choose the random sampling. The sample of this research are the tenth grade students of first semester of SMA Negeri 3 Padangsidempuan in 2016-2017 academic year. The writer taken 10% of population from eight class. The participant of research are 30 students.

#### **IV. THE RESULT OF RESEARCH AND DISCUSSION**

After finishing analyzing the collected data about the variables it has been got that the effect of index card match (ICM) model for raising the students' skills in writing descriptive text to tenth grade students of SMA Negeri 3 Padangsidempuan in 2016-2017 academic year is high. It can be seen from the value of correlation ( $r_{XY}$ ), that is 0.80, in which after consulting it to the table of interpretation of  $r_{xy}$  it can be categorized into high correlation category.

And through the collected data it can be seen that the students' scores of questioners vary from 60 up to 95. It means that the lowest score got by the student is 60 and highest score is 95, whereas the mean score of the students is 78.33. From the value of mean score it can be stated that the application of index card match (ICM) model for raising the students' skills in writing



descriptive text can be categorized into the good category.

The scores of the students in using index card match (ICM) model can be seen in the table below:

**TABLE III**  
**THE SCORES OF THE STUDENTS'**  
**IN USING INDEX CARD MATCH (ICM)**  
**MODEL (X)**

NO	SCORES
1	90
2	95
3	75
4	75
5	70
6	90
7	80
8	75
9	85
10	80
11	80
12	70
13	80
14	60
15	80
16	75
17	80
18	60
19	90
20	80
21	85
22	75
23	80
24	75

NO	SCORES
25	65
26	85
27	60
28	85
29	90
30	80
<b>TOTAL</b>	<b>2350</b>

From the above scores the writer can calculate of the mean score (M) of the using of index card match (ICM) model to the tenth grade students of SMA Negeri 3 Padangsidempuan in 2016-2017 academic year as follows:

$$\begin{aligned}
 M &= \frac{\sum X}{N} \\
 &= \frac{2350}{30} \\
 &= 78.33
 \end{aligned}$$

By using the collected data the writer can calculate the frequency and percentages of the students' scores as follows:

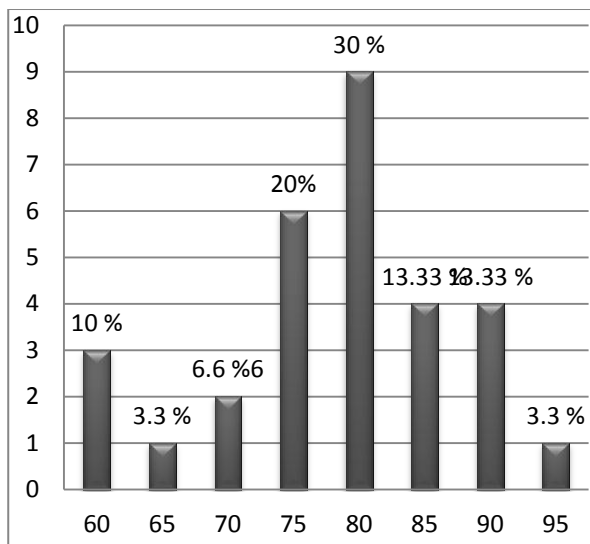
**TABLE IV**  
**THE PERCENTAGE SCORES OF THE**  
**STUDENTS' IN USING INDEX CARD MATCH**  
**(ICM) MODEL (X)**

NO	SCORES	FREQUENCY	PERCENTAGES
1	60	3	10
2	65	1	3,3
3	70	2	6,66
4	75	6	20
5	80	9	30
6	85	4	13,33
7	90	4	13,33
8	95	1	3,3
<b>TOTAL</b>		<b>30</b>	<b>100 %</b>



Based on the table above the writer can make the percentage histogram graphic as follows:

**Graphic 1: The Histogram Graphic in Using Index Card Match (ICM) Model**



And the scores of the students' in using index card match (ICM) model vary 60 up to 95, in which the lowest score got by the students is 60 and highest score is 95. The mean score of the students' in using index card match (ICM) model is 78.33. It means that the students' in using index card match (ICM) model can be categorized into the good category.

The scores of the students' skills in writing descriptive text can be seen in the table below:

**TABLE V**  
**THE SCORES OF THE STUDENTS' SKILLS**  
**IN WRITING DESCRIPTIVE TEXT (Y)**

NO	SCORES
1	100
2	95
3	75
4	80
5	70
6	75

7	80
8	75
9	85
10	80
11	65
12	60
13	65
14	60
15	80
16	75
17	70
18	60
19	75
20	80
21	85
22	75
23	80
24	75
25	65
26	85
27	60
28	80
29	95
30	80
<b>TOTAL</b>	<b>2285</b>

From the above scores the writer can calculate of the mean score (M) of the students' skill in writing descriptive text to the tenth grade students of SMA Negeri 3 Padangsidempuan in 2016-2017 academic year as follows:

$$M = \frac{\sum Y}{N}$$



$$= \frac{2285}{30}$$

$$= 76.1$$

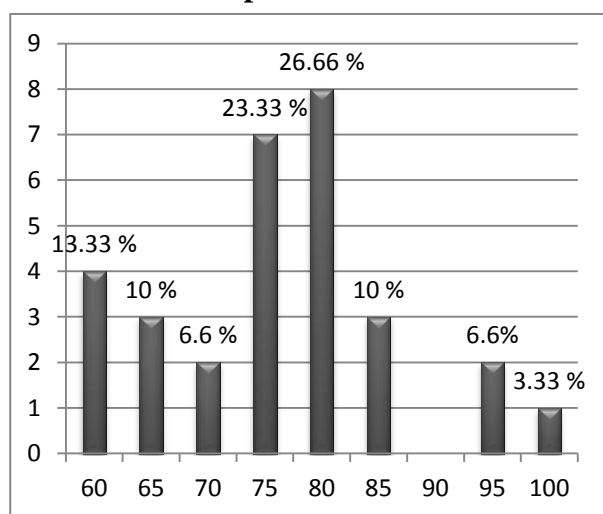
From the collected scores the writer can calculate the frequency and percentages the score of the students' skill in writing descriptive text as it can be seen in the following table:

**TABLE VI**  
**THE PERCENTAGE SCORES OF THE STUDENTS' SKILL IN WRITING DESCRIPTIVE TEXT**

NO	SCORES	FREQUENCY	PERCENTAGES
1	60	4	13,33
2	65	3	10
3	70	2	6,66
4	75	7	23,33
5	80	8	26,66
6	85	3	10
7	90	-	-
8	95	2	6,66
9	100	1	3,33
<b>TOTAL</b>		<b>30</b>	<b>100 %</b>

Based on the table above the writer can make the percentage histogram graphic as follows:

**Graphic 2: The Histogram Graphic of the Students' Skills in Writing Descriptive Text**



And the scores of the students' skill in writing descriptive text vary 60 up to 100, in which the lowest score got by the students is

60 and highest score is 100. The mean score of the students' skill in writing descriptive text is 76.1. It means that the students' skill in writing descriptive text can be categorized into the capable category.

Based on the data that has been collected, it can be found that the effect of using index card match (ICM) model for raising the students' skills in writing descriptive text to tenth grade of SMA Negeri 3 Padangsidempuan in 2016-2017 academic year is high. It can be seen from the value of correlation ( $r_{xy}$ ), that is 0.80. It means that the hypothesis of this research that states: "There is a significant effect of using index card match (ICM) model for raising the students' skills in writing descriptive text to the tenth grade of SMA Negeri 3 Padangsidempuan in 2016-2017 academic year" is accepted.

## V. THE CONCLUSIONS AND SUGGESTIONS

### The Conclusions

1. There is a significant effect of index card match (ICM) model for raising the students' skill in writing descriptive text to the tenth grade students of SMA Negeri 3 Padangsidempuan in 2016-2017 academic year. It can be seen from the value of correlation ( $r_{xy}$ ), that is 0.80, in which after consulting it to the table of interpretation of  $r_{xy}$ , it can be categorized into high correlation category.
2. The using of index card match (ICM) model applied by the students of the tenth grade of SMA Negeri 3 Padangsidempuan in 2016-2017 academic year can be categorized into good category. It can be seen from the value of mean score ( $M_x$ ) that is 78.33.
3. The students' skill in writing descriptive text of the tenth grade of SMA Negeri 3 Padangsidempuan in 2016-2017 academic year can be categorized into capable category. It can be seen from the value of mean score ( $M_y$ ) that is 76.1.



4. The hypothesis of this research is accepted.

### The Suggestion

1. It is suggested to the students to improve their interest, motivation, etc to their skills in writing descriptive text
2. It is suggested to the teacher to use index card match (ICM) model, because it can raise the students' skills in write descriptive text
3. This research is still far from being perfect, so that it is expected to other writer to carry out the deeper research concerning to the topic of this research.

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