

The Effect of Socratic Circles Strategy on Students' Reading Comprehension at Eleventh Grade of SMKI Al Khoirat Kabupaten Tangerang in Academic Year 2020/2021

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ABSTRACT

The purpose of this study was determine whether there was a significant influence using Socratic Circles Strategy on Students' Reading Comprehension at Eleventh Grade of SMKI AL KHOIRAT Kabupaten Tangerang in academic year 2020/2021. The method of the research used quantitative research with quasi-experimental research. In this research design consists of experimental class without random selection. The students was tested by using pre-test and post-test. And the result of this research was statistical calculation by kolmogorov-smirnova test, based on testing of hypothesis, it was known that the sig (0.000) was similar than 0.05. There for it can be conclude that there is a positive effect of Socratic Circles Strategy on Students' Reading Comprehension at Eleventh Grade of SMKI AL KHOIRAT KabupatenTangerang.

Keyword: Effect, Drama, Speaking skill

INTRODUCTION

Reading is an active process of thoughts that is made through the eyes of reading. In reading activities, readers process information from the reading text to gain a meaning (Islami Dewi & Sudarmaji, 2019). Reading is an important activity in life because reading is not only for obtaining information, but it serves as a tool to expand language knowledge.

According to Issn and Yulizah (2020) "Reading can be influenced by ability to perform activities both physical and mental complex in

improving work skills, mastery of various academic fields, and participate in society life."Roit simply stated: "comprehension is the ability of readers to get meaning from text". It can be inferred from the statement that comprehension is a kind of ability that needs to be acquired by a reader to get meaning from the text.

Comprehension is the understanding of the meaning of written material and involves the conscious strategies that lead to understanding. The process of reading deals with language form, while comprehension has to do with the final

result, which deals with the language content. Furthermore, reading establishes a link between the writer and the reader. It involves the recognition of words, phrases, and clauses, and in some respects, it can be considered a simpler process than comprehension (Gómez Torres and Ávila Constain 2009)

It can be concluded from all the above theories that reading is a kind of ability that makes a reader can get and construct meaning from the written text. Reading ability is a core component in reading activity because reading will be less meaningful when the reader does not have the ability. The roles of teacher in teaching and learning process in the classroom are also important. The teacher should give intensive reading activity under he or she's direct instruction because it can help their students in understanding the materials smoothly (Nuraini et al., 2019).

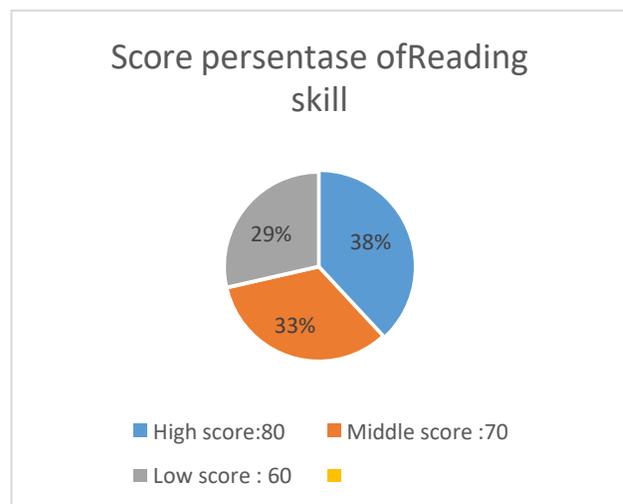
A Socratic circle (also called Socratic seminar) is a process that trying to understand information by creating the dialectic in class in regards to a specific text. In a Socratic circle, students seek a deeper understanding about complex ideas in the text through thoughtful dialogue, rather than by memorizing bits of information. A Socratic Circle is not debate. The purpose of this activity is to have students work together to construct meaning and get an answer, not to win the argument of one student or one group. Socratic Circles provide discussion learning strategy that is structured based on Socratic pedagogy (Circles, Critical, and

Thinking 2005)

Socratic Circles provide a platform for students to engage in meaningful discussions with peers encouraging the development of leadership competencies in areas of communication, self-awareness, interpersonal interactions, and civic responsibility (Friesen and Stephen 2016).

Based on the interview with the English teacher and observation at SMKI AL – KHOIRAT kabupaten Tangerang, the writer had information from the English teacher and found the problems of Reading comprehension at Eleventh Class. There were some problems faced by students in reading. The first is have problem to finding the main idea, reference, and meaning of word in the text. The second problems is low of motivation in reading English. So, they just keep silent during English reading class and feel bored since teacher applies the same technique in teaching reading.

Sources: Score of Daily Examination



Graphic 1

The Score of Students
Reading Comprehension at Eleventh Grade
of SMKI AL KHOIRAT Kabupaten
Tangerang in Academic Year 2020/2021

From the data SMKI AL KHOIRAT Kabupaten Tangerang has a score of minimum criteria on speaking skill is 75. The reading score data obtained in eleventh grade XI AP.

SMKI AL- Hoirat Kabupaten Tangerang has a score of minimum criteria on reading comprehension is 70. The reading value data obtained in eleventh grade students, among others; the highest value 80 with a percentage of 29%, the middle value 70 with a percentage of 33%, and a low value 60 with a percentage of 38%.

Based on the problems of the research, The objective of the research is to get empirical evidence whether there is any effect of Socratic Circles Strategy on Students' Reading Comprehension at the eleventh grade of SMKI AL- Hoirat Kabupaten Tangerang in academic year 2020/2021.

METHOD

The procedures consisted of the research design, population. And sample the instruments of data collection, the procedure of data collection, the reliability of the test and the procedure of data analysis.

This research is quantitative research and it uses quasi-experimental design. The writer uses quantitative research because she want to compare groups using statistical analysis and collected data from the sample using an instrument

with preset questions and responses.

In this research design consist of experimental class. Inexperimental class, the writer taught students at eleventh grade of SMKI AL KHOIRAT kabupaten Tangerang to apply Socratic Circles Strategy.

The main purposes of the research is to finding out wheater there is an effect of Socratic Circles Strategy on students' reading comprehension or not. It will be measured by students' reading scores. And the data of the research result should be calculated by using SPSS 25. The model of the design is as the following:

Table 1. Design of the research

Class	Pre-test	Treatment	Post-test
Experim ent class	O1	X	O2
	1,2,3,4		

Where:

- X : Treatment using Socratic Circles Strategy
- O1 : Test before giving the treatment
- O2 : Test after giving the treatment
- E1 : Experimental Class

The research is quantitative data. In this research the writer will use the participant test and documentation for this research. The test is pre- test and post-test for the class. The writer will give treatment to the students after pre-test. The purpose of pre-test is to know how far students reading comprehension of simple text and post-test is to find out the differences accomplishment on the students reading comprehension after getting treatment.

FINDING AND DISCUSSION

This research was conducted at SMKI AL KHOIRAT Kabupaten Tangerang, which started from July to September 2020. The Writer chose class eleventh as a population and took a class as a sample, namely class XI AP. XI AP was used as an experimental class.

The writer conducted research by teaching and providing treatment in the class that became the sample. The treatment is applying Socratic circles strategy. To get data, the writer gave tests to students. The tests are Pre-test and Post-test. Pre-test is done at the beginning of the meeting or before treatment and Post-test is done at the last meeting or after treatment. To find out the validity of the instrument the authors used the validity and reliability tests. The test was conducted with the aim to determine the effect of Socratic Circles Strategy on students' Reading Comprehension at SMKI AL KHOIRAT Kabupaten Tangerang.

Teaching reading using Socratic circles strategy in experiment class

The researcher used grade XI AP as the experiment class. In the class the writer gave pre- test and post-test to get the students' reading score. Before post-test the writer gave them a treatment (Socratic Circles Strategy). The steps of doing Socratic Circles Strategy in the experiment class are: *The first* is the teacher prepares the reading material (text) to be read by the students. *The second* is the teacher asks students to randomly divide the group into two groups, then the selected group is instructed to sit up

large circle and small circle. *The third* is master appoint one on the inner circle to become moderator. *The fourth* is teacher shares reading materials (text) with students and then ask students to read the text. *The fifth* is after the students have finished reading, students in the circle discussions are led by a moderator with the answer method for ten minutes. *The sixth* is students in the outer circle observe, give judgment, and record the performance of the inner circle. *The seventh* is after that the outer circle provides feedback on the inner circle. *The last* is teacher only as facilitators who supervise the course of discussion, let students seek their own understanding by means of discussion.

Based on the scores obtained, the authors look for differences between the value of Pre-test and Post-test. The difference in scores will be analyzed using SPSS 25 statistical results. From the author's data, it is found that the Minimum score pre-test in the experimental class is 43, the Maximum score is 72 with a Mean of 57.85, and Standard Deviation of 7.867. The Minimum score of post-test in the experimental class is 62, the Maximum score is 86 with a Mean of 72.29, and Standard Deviation 5.329.

The writer needed to know about the normality and homogenous of the data. To test the data normality the writer used the Shapiro-Wilk method, and to test data homogeneity, the researcher use one-way ANOVA. The complete result of testing data of data normality could be seen in a table as follows:

Table .2. Test of Normality Experimental class

	Kolmogorov-smirova		Shapiro-wilk	
	statis tic	Dff Sig.	statistic	DfSig.
Post exp	,129	34 ,164	,962	34,278
Post cont	,137	34 ,105	,975	34,600

Based on the table above shows that the result of the normality test using Shapiro Wilk product significant values for the experimental class by using Socratic Circles Strategy was 0.278 which indicates that the values $0.278 > 0.05$, then the distribution was normal. It can be concluded that the data in experimental class was normal.

The homogeneity test is to determine the variant of data population whether two or more groups of data have the same of different variants (Priyatno, 2014).

The next analysis is done homogeneity test to determine variant population, has the same or difference variance. Homogeneity test is done by One Way Anova Test SPSS 25.

Table.3. Test of Homogeeity of Variaces

Levene Statistic	df1	df2	Sig.
1.353	7	22	0.274

Source: Statistical result SPSS 25

Based on the table above, it is known $\text{Sig} = p\text{-value } 0,274 > 0,05$. It can be concluded that H_a is accepted. It shows that the variant data of score in the experimental class is homogeneous or have a same variant. Since the data was normal and homogeneous, the testing and analyzing of the hypothesis can

be done.

DISCUSSION

From the students' analysis of Reading Comprehension by using Socratic Circles Strategy in the class, the writer has found the result of students' reading comprehension. The writer have just given the pre-test, treatment, and post-test in order to know the students' reading comprehension.

Based on Gómez Torres and Ávila Constain (2009), in previous research there is a strategy used by the writer "Improving Reading Comprehension Skills through Reading Strategies Use by a Group of Foreign Language Learners. Qualitative method was applied to carry out this research project". While in this study the writer used Quantitative method to carry out the research process.

The sample class taught by the writer used Socratic Circles Strategy. The writer was started by giving pre-test, applying treatment, and the last giving post-test. The test is done in order to know the students' reading comprehension. The result of the test was computed by SPSS 25 version that can be seen; first is for pre-test the Minimum Score is 43 and the Maximum Score is 72. Then, Mean is 57.85 and the Standard Deviation is 7.867. The second is for post-test the Minimum Score is 62 and the Maximum Score is 86. Then, Mean is 72.29 and the Standard Deviation is 5.329.

The result of teaching reading comprehension taught by the writer using Socratic Circles Strategy is good, because the students' score are increased between pre-test and post-test

score. So, their reading comprehension had improved. The score of post-test was higher than Socratic Circles Strategy. Based on the result of the research entitled "The effect of Socratic Circles Strategy on Students' Reading Comprehension at the Eleventh Grade of SMKI AL-HOIRAT Kabupaten Tangerang in Academic year 2020/2021", The testing of research hypothesis indicated that H_a is accepted and H_o is rejected. It means, there is significant difference of using Socratic Circles Strategy on the students' Reading Comprehension.

CONCLUSION

Based on the formulation of the problem, the research objective, the hypothesis testing and analysis result. It can be concluded that there is a

pre-test. Based on the percentages students' post-test is more dominant than pre-test after applying significant effect of teaching by using Socratic Circles Strategy on reading comprehension. It was proved that the students score in post-test is higher than pre-test. So, it means that using Socratic Circles Strategy can improve students' reading comprehension. It can be concluded that teaching by Socratic Circles Strategy at eleventh grade of SMKI AL-HOIRAT Kabupaten Tangerang should use various and attractive strategy. Besides, by using Socratic Circles Strategy, it can improve students score in reading. It also can be very useful teaching method for the effective and joyful learning that can give the positive effect on the students' interest in studying English.

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