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Research Article

The Effect of Cooperative Script Model on Students' Reading Comprehension at Grade XI SMA Swasta Daerah Kisaran

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Abstract.
The objective of the study is to find out the effect of using cooperative script model on students' reading comprehension at Grade XI SMA Swasta Daerah Kisaran. This study conducted in experimental design, namely to find out the students' reading comprehension by using Cooperative Script Model. The population of this research is then from the grade XI of SMA Swasta Daerah Kisaran. There are two classes, namely class XI IPA[1] and XI IPA[2] totaling 50 students. The sample of this research was at Grade XI IPA[2] as an experiment group and XI IPA[1] as an control group. the conclusion is significantly effect on the students reading comprehension achievement, and also the test is reliable. As the t-test result is higher than the t-table at 0,05 and 0,01 level of significant (24,39 > 2,01 and 24,39 > 2,68) and is very effective to apply in teaching reading by using Cooperative Script model the students can help them to ask effective questions as they read and respond to the text, and also encourages teachers to be aware of, and it is hopped to the teachers use the Cooperative Script model to make the students more students' active and make learning process is effective.

Keywords: Cooperative script model; learning process; experimental design

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1. Introduction

In this globalization era, competition to get a job is quite competitive. English has become a compulsory subject. It is because English plays its role as an international language in this globalization era. Recognizing the reality of the importance of English in the future, then learning English as early as possible should be applied in schools one of individual's efforts to improve competency in English language learning. Given the forward facing competition with other nations in addition to the graduate school must have a productive competence should also have competence in English, because English is the language of instruction that is used instruction that is used internationally.

In English, there are four skills that should be mastered, they are: listening, speaking, reading, and writing. The reading skill became very important in the education field,

students need to be exercised and trained in order to have a good reading skill. Reading is also something crucial and indispensable for the students because the success of their study depends on the greater part of their ability to read. If they reading skill is poor they are very likely to fail in their study or at least they will have difficulty in making progress. On the other hand, if they have a good ability in reading, they will have a better chance to succeed in their study. Comprehension is a special thinking process, the readers comprehend by actively constructing meaning in internally from interacting with the material that is read [1].

In reading comprehend the text the readers should be able to manage every part of the text, because it is easy to gain the comprehension in reading when the readers are able to organize the text. Sometimes the student fill bored if they must read one by one. The findings has listed reading difficulties and problems such as deficits invocabulary knowledge and background knowledge [2]. The students get difficulties in comprehending the reading text, and the students get bored while learning process because the technique used by the teacher are monotonous Model Cooperative Script is good for use in learning to foster new ideas or ideas (in solving a problem), critical thinking power and develop a spirit of courage in conveying new things that are believed to be true [3]. Theoretically, cooperative script itself can build the students' interest and motivation on read the text. Moreover ,the students can predict what will be discussed on the text. In line with this study, students may improve their reading comprehension with using cooperative script and it is very important to understand about cooperative script in order to get good comprehension in reading.

Based on the explanation above, this research interested in finding out the effects of cooperative script learning model on students reading comprehension achievement and concluded that using cooperative script it tend to build the students interest and motivation to read the text.

2. Methods

2.1. Location and Time of the Research

This research was conducted at SMA Swasta Daerah Kisaran. This school chosen because it is easy to access so it's cheap to find. This research was started in March 7th until March 28th 2019.

2.2. Population and Sample

The population of this research is all students of Grade XI at SMA Swasta Daerah Kisaran in Academic Year of 2019/2020. Which concist of 75 students of three classes This research was taken 48 students of the grade XI IPA as the sample. The sample on this research are 24 students from class XI IPA[1] as experiment group and 24 students from XI IPA[2] as a control group. So total of sample is 48 students.

2.3. The Research Design

The technique of research is held through quantitative research is held trough quantitative research. Quantitative is connected with the amount or number of something rather than with how it is. In this term of quantitative data, this reseach used statistical analysis [4]. The correlation coefficient was then interpreted to find out the relationship between students ability and their acievement in reading by using cooperative script.

This study was conducted in experimental design, namely to find out the students acievement in reading by using cooperative script. There are two groups, namely control group ad experiental group was though by using cooperative script and control was thought by teaching conventionally.

TABLE 1: The Research Design.

Class	Pre-test	Treatment	Post-test
Experiment Control	X1 Y1	X Y	X2 Y2

Where:

X1 = Pre- test in class Experiment X2 = Post- test in class Experiment

Y1 = Pre-test in class Control Y2 = Post-test in class Control

X = Treatment in class Experiment, namely using cooperative script

Y = Treatment in class Control, namely using Convensional way

Treatment is the manner in which someone behaves towards or deals with someone or something. Each group of X and Y as the experimental groups as a control group.

2.4. The Technique of Analyzing the Data

After collecting the data, then this researcher analyzed the data by using some following steps: (1) The reseacher check the right answer from the items that given to the students.(2) The reseacher makes the value of the students in the table. (3) The researcher finds out the Mean (M) of the test.

3. Results and Discussion

3.1. The Data

This research conducted in experimental design. This research are 24 students from class XI IPA[1] as experiment group and 24 students from XI IPA[2] as a control group. So total of sample is 48 students. This research choose this class because the students in experiment and control group are the active classes. The following are the result of Pre-test and Post-test of control groups.

$$Based\ on\ the\ tables\ above,\ it\ showed\ that\ the: Mean = \frac{\sum X}{n} = \frac{1465}{24} = 61,042$$

From the table above, it can be seen that the student who got the higher score is pre-test control group in range 70-95 were 4 students, while the lowest score in control groups range 50-69 were 20 students, and the student who got the higher score in post-test in range 70-95 were 18 students, while the lowest score in range 50-69 were 6 students. The following are the result of Pre-test and Post-test of experiment groups:

$$Based\ on\ the\ tables\ above,\ it\ showed\ that\ the: Mean = \frac{\sum y}{n} = \frac{1705}{24} = 71,042$$

From the table above, it can be seen that the student who got the higher score in pre-test experiment group in range 70-95 were 8 students, while the lowest score in pre-test the range of 50-65 were 16 and the student who got the higher score is post-test experiment group in range 70-95 were 18 student, while the lowest score in pre test the range of 50-65 were 6 students.

From two tables above, it can be seen that the score of experimental group is the highest than control group. So in experiment group, there was improvement of students learning achievement after using Cooperative Script Model.

TABLE 2: The Score of Pre-test and Post-test of Control Group.

No	Student's Name	Initial	Pre-test	Post-test
1	AP		60	70
2	AMA		60	70
3	CAM		70	75
4	DS		50	60
5	D		60	75
6	DES		60	70
7	EI		65	70
8	EL		55	70
9	F		60	75
10	IK		60	65
11	IS		70	80
12	IR		80	90
13	NN		60	70
14	N		50	65
15	N		60	70
16	PS		70	65
17	RU		60	70
18	SA		55	60
19	SP		60	70
20	SA		50	65
21	SU		65	75
22	S		60	70
23	SS		65	70
24	VR		60	70
	N =24		$\sum$**X = 1465**	$\sum$**Y = 1690**

3.2. Data Analysis

$$Average\ of\ the\ pre-test\ Control\ Group\ is = \frac{1465}{24} = 61,042$$

$$and\ average\ of\ the\ post-test\ Control\ Group\ is = \frac{1690}{24} = 70,417$$

$$Average\ of\ the\ pre-test\ Experiment\ Group\ is = \frac{1505}{24} = 62,708$$

$$and\ average\ of\ the\ post-test\ Experiment\ Group\ is = \frac{1705}{24} = 71,042$$

The highest and the lowest score of experimental group pre-test was in the range of 50-69 with the frequency was 6 and 70-95 with the frequency was 18

TABLE 3: The Score of Pre-test and Post-test of Experiment Group.

No	Student's Initial Name	Pre-test	Post-test
1	AHM	60	70
2	AN	65	75
3	A	60	70
4	DP	50	70
5	DQF	70	85
6	FZ	60	60
7	FAS	65	70
8	KRS	70	75
9	MS	60	70
10	NS	80	90
11	RP	65	60
12	RJ	70	75
13	RUS	60	70
14	SA	55	60
15	SL	60	75
16	SR	50	70
17	SNR	60	65
18	U	65	70
19	UA	70	80
20	Y	80	75
21	ZA	70	80
22	ZS	60	70
23	ZE	50	60
24	Z	70	60
	N =24	**$\sum$X = 1505**	**$\sum$Y = 1705**

1. The total of pre-test of control group is 1465 and in experimental group is 1505 so the total score of pre-test of experimental is higher than the control group.

2. The total score of post-test of control group is 1690 And in experimental group is 1705. So, the total score of post-test of experimental group is the higher than control group.

3.3. Research Finding

To further strengthen this study the writer included a quote that shows the cooperative script was good model. Empirical evidence for the Elaboration Cognitive Perspective " Dansereau and his colleagues have found in a series of brief studies that college

TABLE 4: Score Pre-test and Post-test Control Group.

No	Student's Initial Name	Pre-test	Post-test	The Improvement of the Students Score
1	AP	60	70	+10
2	AMA	60	70	+10
3	CAM	70	75	+5
4	DS	50	60	+10
5	D	60	75	+15
6	DES	60	70	+10
7	EI	65	70	+5
8	EL	55	70	+15
9	F	60	75	+15
10	IK	60	65	+5
11	IS	70	80	+10
12	IR	80	90	+10
13	NN	60	70	+10
14	N	50	65	+15
15	N	60	70	+10
16	PS	70	65	-5
17	RU	60	70	+10
18	SA	55	60	+5
19	SP	60	70	+10
20	SA	50	65	+15
21	SU	65	75	+10
22	S	60	70	+10
23	SS	65	70	+5
24	VR	60	70	+10
	N =24	$\sum X$ = 1465	$\sum Y$ = 1690	

students working on structured cooperative scripts can learn technical material or procedures better than students can working alone [5]. The implementation of Cooperative Script Methodhas significantly affected students' reading comprehension [6].

Based on the statement above cooperative script model is a model that has a good effect because with this model the students can work together so as to make easier the students in learning and received the material that has been taught by the teacher , the writer also feel the same way , students can be more easy to accept the material that has been taught it was able to make the spirit of learning with his students so that in reading used of learn cooperative script can be received and increase students' reading skills . Cooperative script model will help students remember reading about the content better than reading material if self [7].

TABLE 5: Score Pre-test and Post-test experiment Group.

No	Student's Initial Name	Pre-test	Post-test	The Improvement of the Students Score
1	AHM	60	70	+10
2	AN	65	75	+10
3	A	60	70	+10
4	DP	50	70	+20
5	DQF	70	85	+15
6	FZ	60	60	-
7	FAS	65	70	+5
8	KRS	70	75	+5
9	MS	60	70	+10
10	NS	80	90	+10
11	RP	65	60	-5
12	RJ	70	75	+5
13	RUS	60	70	+10
14	SA	55	60	+5
15	SL	60	75	+15
16	SR	50	70	+20
17	SNR	60	65	+5
18	U	65	70	+5
19	UA	70	80	+10
20	Y	80	75	-5
21	ZA	70	80	+10
22	ZS	60	70	+10
23	ZE	50	60	+10
24	Z	70	60	-10
	N =24	$\sum$X = 1505	$\sum$Y = 1705	

In this research, the research find out that Cooperative Script Model give the significance for students reading comprehension. Because in the Hypothesis the research, Hypothesis Nihil (Ho) was refuse and Hypothesis Alternatif (Ha) was accepted. Result of to higher than > ttabel namely, 24,39 > 2,01 So it is very effective to apply in teaching reading comprehension. Applying Cooperative Script Method has significantly affected students' reading comprehension [8].

There are differences in the reading comprehension among students taught by Cooperative script model in a conventional manner. Students who use Cooperative script model with a sample of 48 students obtain an average value with use Cooperative Script is 71 while the students who use the conventional way an average value of 61.

So the difference between the average of the reading ability of students to learn by using Cooperative Script model and the conventional method is 10. Based on the and data analysis can be concluded that there was a significant of the effect of Cooperative script model on students reading comprehension at grade XI SMA Swasta Daerah Kisaran in Academic Year of 2019/2020.

4. Conclusions

Based on the data analysis and the discussion, there were some conclusion: The alternative hypothesis is accepted. It means that Cooperative Script Model give significant effect on students. It makes the students more social and active, more independent in the classroom and makes them more interested to the subject. The student who are thought reading comprehension with Cooperative Script model have higher achievement than the students who are thought without Cooperative Script Model.

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