

# THE EFFECT OF RECIPROCAL TEACHING STRATEGY TOWARDS THE STUDENTS' READING COMPREHENSION AT SMA NEGERI 1 LHOKSEUMAWE 

## A THESIS

Submitted to Faculty of Tarbiyah Science and Teacher Training of State Islamic University of North Sumatera Medan as a Partial Fulfillment of the Requirements for the Degree of Sarjana Pendidikan

## By:

RAISA AINAA<br>Reg. Number : 0304162078

DEPARTMENT OF ENGLISH EDUCATION
FACULTY OF TARBIYAH SCIENCE AND TEACHER TRAINING
STATE ISLAMIC UNIVERSITY OF NORTH SUMATERA MEDAN


# KEMENTERIAN AGAMA REPUBLIK INDONESIA <br> UNIVERSITAS ISLAM NEGERI SUMATERA UTARA <br> FAKULTAS ILMU TARBIYAH DAN KEGURUAN 

## SURAT PENGESAHAN

Skripsi ini yang berjudul "THE EFFECT OF RECIPROCAL TEACHING STRATEGY TOWARDS THE STUDENTS' READING COMPREHENSION AT SMA NEGERI 1 LHOKSEUMAWE", disusun oleh: Raisa Ainaa telah dimunaqasyahkan dalam sidang Munaqasyah Sarjana Strata Satu (S1) Fakultas Ilmu Tarbiyah dan Keguruan UIN SU Medan pada tanggal:

$$
\frac{04 \text { Desember } \quad 2020 \mathrm{M}}{19 \text { Rabi'ul Akhir } 1442 \mathrm{H}}
$$

dan telah diterima sebagai persyaratan untuk memperoleh gelar Sarjana Pendidikan (S.Pd) dalam Ilmu Tarbiyah dan Keguruan pada Jurusan Tadris Bahasa Inggris (TBI) Fakultas Ilmu Tarbiyah dan Keguruan UIN SU Medan.

Medan, 04 Desember 2020

## Panitia Sidang Munaqasyah Skripsi

 Fakultas IImu Tarbiyah dan Keguruan UIN SU MedanD7. Sholihaton Hamidah Daulay, M.Hum
NIP. 197506222003122002


Reflina, M.Pd
NIB. 1100000078
2. Maryatissaliniah, M.Hum NIP. 19820501200912012

2. Ernita Daulay, M.Hum

NIP. 198012012009122003
2. Dr. H. Syaukani, M.Ed., Adm. NIP. 196007161986031002

1. Dr. Sholinĝtul Hamidah Daulay, M.Homir KIP. 197506222003122002


## PERNYA fAAN KEASLIAN SKRIPSI

Sava yang bertandatangan di bawah ini:

| Nama | : Raisa Ainaa |
| :--- | :--- |
| NIM | $: 0304162078$ |
| Jurusan | : Perdidikan Bahasa Inggris |
| Judul | THE EFFECT OF RECIPROCAL TEACIIING STRATEGY |
| TOWARDS THE STUDENTS' READING COMPREHENSION AT SMA |  |

Menyatakan dengan sebenar-benarnya bahwa skripsi yang saya serahkan in benar-benar merupakan hasil karya sendiri, kecuali kutipan-kutipan dari ringkasan-ringkasan yang semuanya telah dijelaskan sumbernya. Apabila kemudian hari terbukti skripsi ini hasil jiplakan, maka gelar dan ijazah yang diberikan batai saya terima.

Medarı, November 2020

Yang Membuat Pernyataan


## ACKNOWLEDGEMENT



In the name of Allah, the beneficient, the merciful.

All of the praise due to Allah, the Cherisher and Sustainer of the world, who has given the writer many things such as chance to learn, strength, motivation, and guidance therefore this thesis can be finished thoroughly. Peace and blessing be upon to Prophet Muhammad SAW, his families, his relatives, and all followers.

This thesis which entitled The Effect of Reciprocal Teaching Strategy towards the Students' Reading Comprehension written by me to fulfill the assignment and to complete the requirement for S-1 Program at English Education Department of Tarbiyah Science and Teacher Training Faculty, State Islamic University of North Sumatera Medan 2020.

The writer felt a very gratitude to all of lecturers, family, friends, and institution who have contributed in the different ways hence this thesis is processed until it becomes a complete writing which will be presented to the Faculty of Tarbiyah and Teachers' Training in partial fulfillment of the requirement for the degree S.Pd in English Language Education.

Therefore, the writer would like to extend appreciation to all of them, especially to:

1. Prof. Dr. Syahrin Harahap, M.A as the rector of State Islamic Universima of North Sumatera Medan (UIN SU).
2. Drs. Mardianto, M.Pd., as the Dean of Faculty of Tarbiyah Science and Teachers Training at State Islamic University of North Sumatera Medan.
3. Dr. Sholihatul Hamidah Daulay, S.Ag., M.Hum., as the Head of English Educational Department and also the witer's first advisor. The witer is very blessed and grateful to have you as the advisor.
4. Reflina, M.Pd , as the Secretary of English Education Department
5. Maryati Salmiah, M. Hum,as my second advisor who had given much of her time, suggestion, knowledge and his patience guidance in preparing and finishing this thesis.
6. All of the lectures of English Education Department for giving the writer so much knowledge and thought since the beginning during study at English Educational Department.
7. All teaching staff and employees of the Department of English Education FITK State Islamic University of North Sumatra Medan who have provided useful knowledge for writers while study in academic programs
8. My parents, the love of my life. And also my my one and only brother, the everlasting friend of mine. Cannot thank them enough for always being there for me, believe me more than I do, support me on everything we went through. I did and will always do the best for you.
9. The principle of SMA NEGERI 1 LHOKSEUMAWE; Mrs. Nurasmah, S. Pd., M. Pdwho had permitted the writer to conduct the data in the school.The English teacher Mam Nurul Hapsah S.Pd., M. Ed. who had guided me to managed the classroom activity during the online class due to the pandemic situation. I am really grateful to have you on my difficult times and thank you for keep reminding me to do the right things of the other teachers who helped me on collecting some of the data.
10. My big family who lived in Aceh. Thank you for understanding my situation. Thank you for helping me all of the times. Thank you for supporting me to keep going. Then, special thanks for my sister who is also my cousin, Hani Nisrina Risyad thank you for always helped and waited for me at the school, couldn't done this better without you.
11. My super out of the box friends aka classmates on PBI-3/2016. We started this together, no matter what happened thank you for coloring the entire semesters. Especially for all of the girls that always support me, my dear Nurul Alfi Hidayani, Bulan Siregar, Kartika Rinanda, Nadila Novi Sapitri, Nurur Risky Aulia, Kaaf IklilahSiregar, Talitha Almira Alfi, Humairah, Eka Mauliana and Nurainun Lubis. We laughed together, cried together; wish we could always hold each other hands forever. And last but not least, for the one who bear with me during the process of finishing this thesis, Berkah Hasudungan Nasution, thank you.
12. Special gratitude for Fadhila Balqis who also called as my Lala as the one who keep being there motivating me all the time, from dusk till dawn. And also for Mora Ganda who always answered my countless questions, I owe you a lot.

In arranging this thesis, the writer got lots of challenges and obstacles but with help of many individuals, those obstructions could pass. The writer also realized there are still many mistakes in process of writing this thesis. Due to the realization that this thesis still imperfect in arrangement and the content, then the criticism is expected from the readers. Therefore, hopefully this thesis would provide some advantages for the readers.


#### Abstract

| Name | $:$ Raisa Ainaa |
| :--- | :--- |
| NIM | $: 0304162078$ |
| Faculty/Department | $:$ FITK/ English Education |

Advisors : 1. Dr. Sholihatul HamidahDaulay, S.Ag., M.Hum. 2. Maryati Salmiah, M.Hum.

Thesis Title : THE EFFECT OF RECIPROCAL TEACHING STRATEGY TOWARDS THE STUDENTS, READING

COMPREHENSION AT SMA NEGERI 1 LHOKSEUMAWE

This research is based on a quantitative analysis with experimental design. The objective of this study is to find out whether Reciprocal Teaching Strategy has significant effect towards the students' reading comprehension at the third grade of senior high school. The subject of this research is the students at SMA NEGERI 1 Lhokseumawe. The total of population was 342 students and the researcher took 59 students as the sample of this research. Therefore, the researcher divided the class into two classes, there are experimental and control class. The experimental class was applying Reciprocal Teaching Strategy on the learning process meanwhile the control class was applying conventional strategy. The data were collected by using both pre-test and post test which consist of 10 questions that arranged in multiple choice. From the pre-test has been found that the Students' mean score is 59 and then the score increased to 82. However, for the control class the Students' mean score on pre-test were 66.5 and the post- test was not increasing significantly as the mean score is 80. Furthermore, based on the data $t_{\text {observed }}$ value is 2.40 which higher than $t_{\text {table }}$ at the significant level 0.05 (2.40 > 1.67). It can be concluded that Reciprocal Teaching Strategy has significant effect towards the students' reading comprehension because the result showed that the alternative hypothesis $(\mathrm{Ha})$ is accepted and HO is rejected.


(Keywords : Reciprocal Teaching Strategy, Effects, Reading Comprehension

TABLE OF CONTENTS
ABSTRACT ..... I
ACKNOWLEDGMENT. ..... Ii
TABLE OF CONTENT ..... V
LIST OF CHART ..... Ix
LIST OF APPENDICES ..... X
CHAPTER I INTRODUCTION
A. Background of Study ..... 1
B. Identification of Study ..... 3
C. Limitation of the Study ..... 3
D. Research Question ..... 3
E. Objective of the Study ..... 3
F. Significant of the Study ..... 3
CHAPTER II LITERATURE REVIEW
A. Reading Comprehension ..... 5

1. Skill in Reading ..... 5
2. Level on Reading Comprehension ..... 6
B. Reciprocal Teaching Strategy ..... 7
3. Definition of Reciprocal Teaching Strategy ..... 7
4. Principles of Reciprocal Teaching Strategy ..... 8
5. Usage of Reciprocal Teaching Strategy ..... 8
6. The Procedures of of Reciprocal Teaching Strategy ..... 9
7. Advantages of Reciprocal Teaching Strategy ..... 10
C. Related Study ..... 11
D. Conceptual Framework ..... 13
E. Hypothesis ..... 14
CHAPTER III RESEARCH METHOD
A. Research Setting ..... 15
B. Research Design ..... 15
8. Population and Sample ..... 16
9. Operational Definition of Variables ..... 17
10. Instrument of Collecting the data ..... 17
11. Technique of Collecting the Data ..... 18
12. Technique of Data Analysis ..... 19
CHAPTER IV RESEARCH FINDINGS ..... 20
A. Findings Description ..... 22
13. Experimental Class ..... 22
14. Control Class ..... 24
B. Data Analysis ..... 27
15. Reliability of the Test ..... 28
16. Validity of the Test ..... 29
C. Preliminary Analysis ..... 31
17. Standard Deviation ..... 31
18. Normality of The Test ..... 34
19. Homogeneity of The Test ..... 36
20. Calculation of $t$-test ..... 36
21. Testing Hypothesis ..... 40
22. Research Findings ..... 40
23. Discussion ..... 41
CHAPTER V CONCLUSION AND SUGGESTION
A. Conclusion ..... 44
B. Suggestion ..... 44
BIBLIOGRAPHY ..... 46
APPENDICES ..... 49

## LIST OF CHARTS

Chart Title ..... Page
4.1 The Students' Pre Test Score on Experimental Class ..... 23
4.2 The Students' post Test Score on Experimental Class ..... 24
4.3 The Students' Pre Test Score on Control Class ..... 25
4.4 The Students' Post Test Score on Control Class ..... 25
4.5 The comparison between the mean score of experimental and ..... 26control class

## LIST OF APPENDICES

APPENDIX Title Page
APPENDIX 1 Lesson Plan ..... 49
APPENDIX 2 Pre-Test/Post Test and The Answer Key ..... 54
APPENDIX 3 List of the Students' name in the Experimental Class ..... 61
APPENDIX 4 List of the Students' name in the Control Class ..... 62
APPENDIX 5 The Students' scores on Experimental Class ..... 64
APPENDIX 6 The Students' scores on Control Class ..... 65
APPENDIX 7 The students' Score from the Lowest to the Highest ..... 66
APPENDIX 8 The Reliability Test Table ..... 72
APPENDIX 9 Research Response Letter ..... 73
APPENDIX 10 Documentation of The Research ..... 74
APPENDIX 11 CV ..... 78

## CHAPTER I

## INTRODUCTION

## A. Background of the Study

Reading is an activity which has an important role to the students especially in the learning process. Most of the students' activity related to reading. In reading the focus are reading for meaning or in order to use information and ideas ${ }^{1}$.The ability to understand what is written on the paper can be called as reading comprehension. In reading a text, the students are expected to be able to comprehend a text by catching the main idea, understanding vocabulary, finding inference and reference and to monitor their own comprehension. Thus, reading ability is when the purpose or the main point of the text can be understood.

In English language teaching, one of the ways to teach English is by using a text. Then, a description of thing in a text can improve the students' imagination to get more knowledge in knowing the things or places. Students' comprehension in reading a text helps them to answer some question from their teacher. Khoiriyah defined reading comprehension as a thinking process through which readers become aware of ideas, interpret some relation to their own needs and purposes. ${ }^{2}$ It can be concluded that reading comprehension is a skill that the students are expected to be mastered. In teaching reading comprehension, the objective of the reading is to make the students able to comprehend the text. Then, by using text with a deep elaboration can make the readers discover the point and the meaning from the text.

Indonesian curriculum system are named as 2013 curriculum. Based on the Regulation of Ministry of National Education No. 65, Scientific Approach in 2013 curriculum trains the students to: (1) be the center of learning activities, (2) involve the cognitive processes which is potential in stimulating intellectual development, such as thinking skill, (3) give opportunities to the students on assimilating and accommodating concepts, laws and principles, (4) find knowledge through scientific process and apply it, (5) learn from different sources, (6) promote empowerment and acculturation of students as lifelong

[^0]learners, (7) apply values by giving ideal things, build willingness, and developsomecreativities of the students in the learning process, (8) implement the principles in which everyone is teacher and everyone is student. ${ }^{3}$ Therefore, teacher should apply strategies which focus to the students as the center in a learning process. Salehi and Vafakhah state that reciprocal teaching is an instructional style that originally developed for the students who struggling in reading comprehension. ${ }^{4}$ It means that the use of reciprocal teaching strategy is developed to make the students can get the knowledge from the text by themselves even though they might have trouble in comprehending the text. Due to the explanation above, the writer eager to conduct a research using reciprocal teaching strategy in reading skill.

Based on the observation on SMA NEGERI 1 Lhokseumawe, the researcher found that the condition of the school is quite decent but most of the students focus on their own specific purpose in the learning activity. Therefore, due to this pandemic situation the learning activity was not running well as usual. The students' barely read a text or a story that using English language. From the observation, it has been found that the students' reading comprehension were quiet low. Because of that, the students are having some trouble in learning English language.

In learning English, there are some difficulties faced by students. For the third grade students of SMA NEGERI 1 Lhokseumawe, it is found that students have some problems in learning English because of the activity were done with online class. The researcher found that some of the students didn't have any internet connection on their home also causing them to miss some of the topic in English subject. Then, the students also have less interest to learn English subject because of their lack of motivation on learning it alone at their home. The students confirmed that they would be more excited to learn together with their classmates. Thus, learning in a group or in a pair would help the students on understanding the topic for the learning process.Based on background of this problem, researchers

[^1]are eager to conduct a research with the title, "The Effect of Applying Reciprocal Teaching Strategy towards the Students , Reading Comprehension at SMA NEGERI 1 Lhokseumawe"

## B. Identification of the Study

1. The students have less interest to read an English text.
2. The students have low ability in comprehending a text because of their lack of vocabularies.
3. The students have problems in learning English language by online classes.

## C. Research Question

Based on the background of the study above, then the researcher can make the research question, is there any effect of Reciprocal Teaching Strategy on the students' reading comprehension?

## D. Research Objective

Based on the research question above, the objective of the study was to find out the significant effect of Reciprocal Teaching Strategy on the students' reading comprehension.

## E. Limitation of The Study

There are some levels of comprehension. They are literal, interpretative, critical comprehension, however this study focused on literal and interpretative comprehension. This research focused on identifying the effect of reciprocal teaching strategy on the students" reading comprehension and the material is conditional sentences.

## F. Significances of the Study

This study is expected to be useful in some significances not only for the writer but also for the others people. Such as:

1. The teachers, the result of this study is expected could be useful for the teacher to use reciprocal teaching strategy to develop the students ability in reading comprehension.
2. The students, the result of this study expected to be useful for the students to explore how effective it is to practice reciprocal teaching strategy in reading comprehension.
3. Scientific significance, the result of this study can be used as a valuable information and reference material. Then, the result of this study expected to support their study especially in reading skill.

## CHAPTER II

## THEORITICAL FRAMEWORK

## A. Reading Comprehension

In this section, there are some basic explanation about reading and reading comprehension. To identify the students' reading comprehension there are some level that the students must go through. In this study, the researcher will analyze the students' comprehension based on literal comprehension, interpretive comprehension and critical reading.

## 1. Skill in Reading

Basically, skills and knowledge are related to one and another. As claimed on some studies that from knowledge we can learned passively, but without skill it is only learned a conceptual complex understanding. ${ }^{5}$ The definition of skill can be said as one of those social science words in common parlance with many meanings, numerous synonyms such as "ability", "competence", "knack", "aptitude" then "talent", and varied general translations in other languages. ${ }^{6}$ Therefore, the skills that belong to anyone can be different because of the fact that people come from different backgrounds senses skills differently. ${ }^{7}$

Therefore, in the Holy Quran there are also some discussion about reading and one of them is Al-Alaq 1-5 as follows:


Meaning:
"Read in the name of loard who has created (all exist). He has created man from a clot (a piece of thick coagulated blood). Read! and your lord is the most generous. Who has thought (the writing) by pen. He has tought man that which he

[^2]didn't know" (QS: Al-Alaq 1-5). ${ }^{8}$
Based on the Holy Quranreading activity described as an important point for human being to gain knowledge and information. By reading, we will learn a lot of things in different aspects such as education, language class, etc. Therefore, Prophet Muhammad SAW also said that:



Meaning:
"who did the way in looking for knowledge, Allah will give easier way to the heaven" (HR. Muslim) ${ }^{9}$

Reading can be considered as a process in combining information based o the readers' background knowledge to interpret meaning. ${ }^{10}$ Then, reading comprehension can be classified as an enjoyable activity in finding the meaning from a text for some fluent readers. ${ }^{11}$ It can be concluded that the students skill in reading mean as the ability to gain information and knowledge based on the text that they read. In learning English language, the text book will be useful for the students to improve their reading skill. Reading comprehension is an activity to get knowledge when the students can understand the explanation or information from a book or a text.

## 2. Level on Reading Comprehension

a. Literal Comprehension

This means that reading to understand the information explicitly, contained a passage such as identifying explicitly stated main ideas, details,

[^3]sequence, cause-effect relationship, and also patterns. ${ }^{12}$ The processes of literal comprehension are by scanning and skim reading. Then, the students will find some keywords to identify the text.

## b. Interpretative Comprehension

Develop inferential, interpretative, or connotative meaning occur when the students able to get implied the meaning of the text by making inferences, drawing conclusions, generalizing, speculating, or predicting. ${ }^{13}$ Interpretative means as an activity of the students when they find the purpose and the point of the text. Then, the students can answer some questions related to the text easily.

## c. Critical Reading

When reading a text, students expected to have abilities that refer to the creative knowledge of emotional response of literary techniques and also knowledge of response of forms, style and structures. ${ }^{14}$ Thus, the students cana analyze the form of the text. This means that the students applied their critical thinking in reading a text.

Beside in holy Qur'an that explained about reading, in hadits, has been mentioned by our prophet Muhammad Saw that related with comprehension, as following:

$$
\begin{aligned}
& \text {.. Merill }
\end{aligned}
$$



```
حِبْرِنُلُ أتَاكَمْ يُعَلِّمُكُمْ دِيْنَكُمْ . [رواه مسلم]
```

Meaning: from 'Umar, may Allah be pleased with him, there is that he said, "While we were sitting with the Messenger of Allah, may Allah bless with him and grant him peace, one day a man came up to us whose clothes were extremely white, whose hair was extremely black, upon whom traces of travelling could not be seen, and whom none of us knew, until he sat down close to the Prophet, may Allah bless with him and grant him peace, so that he rested his knees upon his knees and placed his two hands upon his thighs and said, 'Muhammad, tell me about Islam.' The Messenger of Allah, may Allah bless with him and grant him peace, said, 'Islam is that you witness that there is no god but Allah and that Muhammad is the Messenger of Allah, and you establish the prayer, and you give the Zakat, and you fast Ramadan, and you perform the hajj of the House if you are able to take a way to it.' He said, 'You have told the truth,' and we were amazed at him asking him and [then] telling him that he told the truth. He said, 'Tell me about iman.' He said, 'That you affirm Allah, His angels, His books, His messengers, and the Last Day, and that you affirm the Decree, the good of it and the bad of it.' He said, 'You have told the truth.' He said, 'Tell me about ihsan.' He said, 'That you worship Allah as if you see Him, for if you don't see Him then truly He sees you.' He said, 'Tell me about the Hour.' He said, ‘The one asked about it knows no more than the one asking.' He said, 'Then tell me about its tokens.' He said, 'That the female slave should give birth to her mistress, and you see poor, naked, barefoot shepherds of sheep and goats competing in making tall buildings.' He went away, and I remained some time. Then he asked, 'Umar, do
you know who the questioner was?' I said, ‘Allah and His Messenger know best.' He said, 'He was Jibril who came to you to teach you your deen'." (Muslim narrated it.)

From the hadits above, as human we should be comprehend the hadits. Then, we should not just read but comprehend the hadits as well. The hadits above have a relation with reading comprehension for students. When the students read a text, they need to realize the content from the text so they can understand what the text about.

## B. Reciprocal Teaching Strategy

In this part, reciprocal teaching strategy will be discussed more detail. There are definition, principle, usage, procedures and the advantages of reciprocal teaching strategy. Then, some of several studies from the other researcher related to this topic also will be discussed then will continue with a conceptual framework a hypothesis of this research.

## 1. Definition of Reciprocal Teaching Strategy

Reciprocal Teaching is a process involving four distinct activities (questioning, clarifying, summarizing and predicting) employed in a students' led, team approach to develop reading comprehension skills among students. ${ }^{15}$ The students will have an experience to analyze the text in a group discussion. In addition, as stated on the Holy Quran Surat Al-Ankabut:20 there is a statement thatwe need to learn from the experiment as the method in learning process.


Meaning: Say, [O Muhammad], "travel through the land and observe how He began creation. Then Allah will produce the final creation. Indeed Allah, over all things, is competent." (QS: Al-Ankabut 20).

[^4]Vassiliou stated that reciprocal teaching focused on where the teacher explains and demonstrates four comprehension strategies such as; question generation, summarization, clarification and prediction. ${ }^{16}$ Thus, reciprocal teaching defined as an activity that should follow the four distinct strategy.

## 2. Principles of Reciprocal Teaching Strategy

Reciprocal teaching basically can be used to instruct and guide learners in reading comprehension.. It consists of a set of three related instructional principles: ${ }^{17}$
a. Teaching comprehension
b. According to the first principle, this strategy can be use in fostering reading strategies, which are predicting, question-generating, summarizing, and also clarifying.
c. Modelling, scaffolding and fading.
d. Students practicing and discussing reading strategies with other students.
e. The students will be guided and coached by the teacher in the learning process.

## 3. Usage of Reciprocal Teaching Strategy

The four basic usages are as follows:
a. Predicting

Predicting involves finding clues in the structure and content of a passage that might suggest what will happen next. Predicting activates prior knowledge and motivates students to continue reading the passage to determine if their predictions were correct. ${ }^{18}$ In this step, students make predictions about what can happen in the text making use of their previous knowledge and experiences.

## b. Questioning

In this part, the students will identify information, themes, and ideas that

[^5]are central and important enough to warrant further consideration based on the text. ${ }^{19}$ Therefore, some questions from the students will lead to the further information in order to gain more knowledge based on the text. This activity also will make the students more active in the learning process.
c. Clarifying

In this strategy, clarifying is an activity for the students when looking out for some complicated idioms that might have confused the readers to comprehend the text. The students is clarifying the text and looking for complicated concepts or expressions, and they might reread the text or ask for help. The students might follow some procedures to determine the obstacles in vocabulary, idioms, expressions or ideas and make use of some indicators in order to clarify these obstacles and understand them. ${ }^{20}$

## d. Summarizing

In this part, the reader will have the opportunity to find out the main ideas from the text. They can organize them and understand the relationships between them. It indicates with the process of summing up the text then reproducing it in another form by following group of procedures that will keep the main ideas and develop the learners' abilities to focus on the important facts and proofs." ${ }^{21}$

## 4. The Procedures of Reciprocal Teaching Strategy

Students have roles in reciprocal teaching method which related to the procedures. Some roles to working in a group, students' role in reciprocal teaching strategy are predictor, questionnaire, clarifier, and summarizer.
a. The first role is predictor. The student who stands as a predictor will help the other member to predict what the text about, helps the group to find out the answer from the question. By predicting and learning the text together, the students will gain the information of the text

[^6]easier. The predictor should comprehend the text carefully and predict the answer correctly.
b. After that, the student role a questionnaire also important in learning activities. The role of the questionnaire such as; asks question which encourage full understanding of the text, allows the group to analyze the text, helps the group to evaluate the text. The students can create question that could probably be asked from the text. for example is the question about the main idea from the text.
c. The next role is as a clarifier. The role of clarifier is to help the group in identifying confusing words, sentence, and idea, encourages the group to reach shared understanding of the text, and tries to ensure that all students in their group understand everything in the text.Therefore, there would not be any misunderstanding about the text because all of the member of the group.
d. The last role for the student is a summarizer. The role of a summarizer is to create a simple conclusion based on the text. this role will help the other group members to identify the most important idea in the text and then restate or retell the text by using their own words.

The role of the teacher in reciprocal teaching differs considerably from the role of the teacher in traditional teacher-directed teaching. The teacher's role changes from delivery of information to a facilitator of learning. The teacher also needs to create highly structured and well-organized environments for the classroom instruction. Thus, the achievement of this strategy also depends on the teacher when managing the classroom activity.

## 5. Advantages of reciprocal teaching strategy

a. Reciprocal teaching provides the context for specific strategy instruction and for transforming the student into a strategic reader. ${ }^{22}$

[^7]b. Reciprocal teaching strategy also been shown to help students develop interpersonal communication skills because they must interact with other students and the teacher. ${ }^{23}$
c. This strategy involves students in helping and teaching other students. Then, it can be used to encourage student self-efficiency and self-esteem. The students can help their friends in doing the assignment in group which it will make them more efficient in time allocation and more confidence. ${ }^{24}$

## C. Related Studies

This study relevance with several of the previous studies which will be describe as follows. The first one is a research which entitles "The Use of Reciprocal Teaching to Improve Students’ Reading Comprehension Skill." Based on the research can be concluded that Reciprocal Teaching Strategy was competent to improve both of the students' reading comprehension and attitude. The objectives of the research were to identify whether the use of reciprocal teaching can improve the students' reading comprehension skill and to describe the classroom's atmosphere when using Reciprocal Teaching. The research conducted at SMP Negeri 1 Jaten Karanganyar. On this research, the subject was the third grade students and the sample was VIIIG class. Then, the researcher was using both of quantitative and qualitative method. From the observation, the research found that Reciprocal Teaching Strategy was able to improve the students' reading comprehension skill and the classroom climate..

The second study was conducte by Andi Ayu Lestari with the title"The Effectiveness of Reciprocal Teaching Method Embedding Critical Thinking Towards MIA Second Graders' Reading Comprehension of MAN 1 Kendari." This research had a purpose to investigate the effectiveness of reciprocal teaching strategy embedding critical thinking for the students' reading comprehension at the second grade of MIA at MAN 1 Kendari. This research was using questionnaire and test as the instruments in collecting the data. The test was given twice on different time, the first is before treatment and then after the treatment.

[^8]And questionnaire was given in the end of the research. Based on the research, paired sample t-test was applied to examine possible differences in students' preand post-test scores. The results showed significant improvement in students' post-test scores.

The next study is a research that also uses experimental method. The title is "Impact of Reciprocal Teaching for Literature Courses on Fostering Students' Reading Comprehension at Yemeni University." The purpose of the research is to find out the effect of Reciprocal Teaching Strategy towards the literature students and fostering their reading comprehension. The sample consists of 46 female students from the fourth level at the English Department, Faculty of Human and Social Sciences, University of Science and Technology, Yemen. The sample selected randomly and assigned as two groups: an experimental group is studying the same material uses by applying reciprocal teaching strategy, Meanwhile the other group was applying Reciprocal Teaching. The result of tests indicates that there is a statistically significant difference between the achievement of the students in the experimental group and the students in the control group who were taught with conventional way in favor of the experimental group. From the data analysis, the majority of the students felt confident to use Reciprocal Teaching strategy on reading comprehensions.

The next study is with the title "Teaching Reading through Reciprocal Teaching Strategy."This study was used experimental research with quantitative approach to analyse the data. Quasi experimental used to gain data by using the pretest -postest control group design. The purpose of this research is to find out whether reciprocal teaching strategy in teaching reading for the eighth grade at SMPN 10 Kota Cirebon is effective or ineffective. The data from this research can be concluded be concluded that the reciprocal teaching strategy in teaching reading for eighth grade at SMPN 10 Kota Cirebon is effective.

And for the last research was conducted by Diana Oktavia and Dina Fitriana entitled "Developing Students' Reading Comprehension Skill through Reciprocal Teaching Strategy." This study is expected to give contribution to the teacher, students, and all the other researcher. Through a quasi-experimental study, will involve test before and after intervention, the study was aimed to find
out the effectiveness of reciprocal teaching strategy on developing students' reading comprehension skill. From the results of the study can be concluded that students have a good interested in using reciprocal teaching strategy, then their ability and achievements in reading comprehension also improved significantly.

Based on all of the research above, the researcher here take a different research focus. In Yudo Dwi Purwoko's research, the researcher was using classroom action method as the method of the study, meanwhile this study was conducted by using quantitative approach. Then, Andi Ayu Lestari on her research was doing a research in senior high school and in this research, the researcher also doing a research in senior high school but with specific purpose such as accountant, technique, etc. And for the next study, the researcher also applying quantitative approach but the sample was randomly choosing of of Human and Social Sciences, University of Science and Technology, Yemen.Then, both of the research from DeniAfrizatama (2016) and Diana Oktavia and Dina Fitriana (2017) was applying quasi-exprerimental study. However this study also conducted with quantitative approach but the sample was from the second grade of junior students, and the results will be different with this research.

## D. Conceptual Framework

Teaching-learning English in junior high school demean of the active participant from the students, especially in teaching reading. Reading skill is one of the most important skills in learning language besides listening, speaking, and writing. In reading, all of the readers need to comprehend the text to gain the information from the text. Reading skill is a process that involves many interactions between readers by bringing their prior knowledge to the text as well as the context related to the text itself.

Reciprocal teaching refers to an instructional activity that takes place in the form of a dialogue between teachers and students regarding segments of text. The dialogue is using of four strategies, there are predicting, clarifying, question generating and summarizing.

## E. Hypothesis

Based on the theory above, the hypothesis of this study can be formulated as:
$\mathrm{H}_{\mathrm{a}}$ : There is a significant effect of the students' ability in reading comprehension taught by using reciprocal teaching strategy.
$\mathrm{H}_{0}$ : There is no significant effect of the students' ability in reading comprehension taught by using reciprocal teaching strategy.

## CHAPTER III

## RESEARCH METHODOLOGY

## A. Research Setting

This research was conducted at SMA NEGERI 1 LhokseumaweJl. Darussalam, Kp. Jawa Lama, Banda Sakti, Kota Lhokseumawe, Aceh.Then, there was four meetings in conducting the data of this research. The researched started on $11^{\text {th }}$ August 2020 and finished on $2^{\text {nd }}$ September 2020.

## B. Research Design

According to Thuckman: "Research is a systematic attempt to provides an answer to question. ${ }^{25}$ There are usually using three methodologies of research such as qualitative research, quantitative research, and classroom action research. This study was using experimental research design with pre-test and post-test design. According to Ary et al an experimental method can be defined as a general plan for carrying out a study with active independent variable on a research. ${ }^{26}$ Experimental method also can be classified according how well they provide control of the threats to internal validity they are; pre experimental design, true experimental design and quasi experimental design. In this study, the sample of the research divides into two groups, namely control group and experimental group. For the control group received treatment from the researcher without applying reciprocal teaching strategy. However, the experimental group received treatment by applying reciprocal teaching strategy. Then, both of the classes were given pre test before teaching reading comprehension. After that, a post test were given to find out the effect of reciprocal teaching strategy on the students' reading comprehension. The research design can be Table as following:

## Table 3.1

## Research Design

[^9]| Class | Population | Sample |
| :--- | :--- | :--- |
| Experimental (X) | XII MIPA-8 | 30 |
| Control (Y) | XII MIPA-6 | 29 |

## A. Population and Sample

a. Population

According to Ary, et. al a population defined as all of the members on any well-defined class of people, events, or objects. ${ }^{27}$ The population of this research is the second year students of SMA NEGERI 1 Lhokseumawe. There were 11 classes of the second year students in academic 2019/2020.

Table 3.2

The Population of Research

| No. | Class | Population |
| :---: | :---: | :---: |
| 1. | XII MIPA-1 | 28 |
| 2. | XII MIPA-2 | 27 |
| 3. | XII MIPA-3 | 33 |
| 4. | XII MIPA-4 | 33 |
| 5. | XII MIPA-5 | 34 |
| 6. | XII MIPA-6 | 34 |
| 7. | XII MIPA-7 | 34 |

[^10]| 8. | XII MIPA-8 | 34 |
| :---: | :---: | :---: |
| 9. | XII MIPA_9 |  |
| 10. | XIIIPS $_{-1}$ | 34 |
| 11. | XII IPS $_{-2}$ | 29 |

b. Sample

According to Aryet.al sample is a portion of a population and the small group that is observed. ${ }^{28}$ Besides, a sample is a sub group of the target population that the researcher plans to study for generalizing about the target population. ${ }^{29}$ In this case, the researcher took two classes as the objects of the investigation. Then, cluster random sampling was a method in this research. That means the researcher choose groups from the population randomly. The populations of the $12^{\text {th }}$ grade of SMA NEGERI 1 Lhokseumaweare 342 students, consist with 12 classes. The researcher decided to choose two classes as the sample. Both of the class have the same major. The researcher is applying cluster random sampling because the group in the population had the homogenous characteristic.

## B. Operational Definition of Variables

This research had two variables which namely as dependent variable and independent variable. Dependent variable is students' reading comprehension and independent variable is reciprocal teaching strategy.

## C. Instrument of Collecting Data

The instrument which is used by the writer to collect the data is multiple choice tests. The test consists of 10 questions to measure students reading comprehension. Each question of test consist of four options namely: $a, b, c$, and d. Researcher realize that multiple choice tests are commonly used and highly

[^11]regarded among the selection type of items for test development. The test could be designed to measure the recall understanding and applying of specific concepts or principle because the students can answer most of the question in short time even when a large sample of items can be incorporated in the test. They were used in pre-test and post-test instrument.

There are some reasons of choosing multiple choices as the instrument of collecting the data. The first is because of its effective for measuring. Then, it is objective score which is quick, easy, and consistent. And the last, its usually encourages the students to develop a comprehensive knowledge of specific facts and the ability to make fine discrimination among them.

## D. Technique of Collecting Data

As the technique of data collection, the researcher was using pre test, treatment and post test.

The kinds of test that would be given by the researcher are some multiple choices based on the text that the students have read. The procedure of this test namely:
a. Pre-test

Both experimental and control groups should finish a pre-test before the presentation of the material. The purpose is to find out the homogeneity of samples and to know the mean score both of groups.
b. Treatment

After having the pre-test, the experimental group were getting a treatment by using reciprocal teaching strategy, while the conventional group were applying conventional method.
c. Post test

After conducting the treatment, both of the group should finish some questions based on the post test. The post-test was exactly the same as pre-test. The purpose was to find out the mean of experimental and control group.

## E. Technique of Data Analysis

For scoring the test, the score ranging from 0-100 are use. The rule is by counting the correct answer by using this following formula:

$$
\mathrm{S}=\frac{R}{N} \times 100
$$

Where:
S =the score
$\mathrm{R}=$ the number of correct answer
$\mathrm{N}=$ =the number of questions

Then, mode of the data can be found out by calculating the repetitive score occur based on the result of the test. And for finding the median of the score, there are two formulas can be used. The first is for odd numbers and the other is for even numbers. The formula as follows: ${ }^{30}$
a. Median for odd numbers

$$
\mathrm{L}_{\mathrm{md}}=\frac{\mathrm{n}+1}{2}
$$

b. Median for even numbers will be between the data on $\left(\frac{\mathrm{n}}{2}\right)$ and $\frac{\mathrm{n}+1}{2}$

To find out the differences means of scores of the test between the experimental and control group, the researcher used the test formula. To know the statistical hypothesis $t$, the researcher uses the statistical analysis. The formulation of the " t " test is ${ }^{31}$
$\mathrm{t}_{\text {obsereved: }} \quad \frac{M_{1}-M_{2}}{\sqrt{\left[\frac{M x^{1}+M x^{2}}{\left(N_{1}+N_{2}-2\right)}\left[\frac{N_{1}+N_{2}}{1_{1} \cdot N_{2}}\right]\right.}}$
Where :
$\mathrm{M}_{1}=$ the mean of experimental group
$\mathrm{M}_{2}=$ the mean of Control Group
$\mathrm{X}_{1}=$ the standard deviation of experimental group
$\mathrm{X}_{2}=$ the standard deviation of control group

[^12]$\mathrm{N}_{1}=$ the total number (sample) of experimental
$\mathrm{N}_{2}=$ the total number (sample) of control group

## F. The Validity and Reliability of the Test

The validity is the quality of a data gathering instrument that enables it uses to measure what is supposed to measure. Validity was defined as the extent to which an instrument measured what it claimed to measure. On this research, the written test in the form of descriptive paragraph by applying the Noting Interacting Summarizing and Prioritizing was the instrument to measure the content validity which correspond for curriculum. This study deals with content validity which relates to the representative of test.

A reliable test is consistent and dependable. If you give the same test to the same students or matched students on two different occasions, the test should yield similar result. It means that the test is reliable. The test will show that the students" score is always consistent all the time, whenever they have test for now, tomorrow, and soon.

To achieve the reliability to the consistency of measurement, Kuder Richardson (KR21) as following :

$$
\mathrm{r}_{11}=\frac{\mathrm{k}}{\mathrm{k}-1}\left\{1-\frac{X(k-X)}{k S B t^{2}}\right\}
$$

Where :

$$
\begin{aligned}
& \mathrm{r} 11=\text { all of test reliability } \\
& \mathrm{P}=\text { right answer } \\
& \mathrm{n}=\text { total of item } \\
& x=\text { mean of the score total } \\
& \mathrm{S}=\text { deviation standard of test }
\end{aligned}
$$

Therefore, the coefficient of $(\mathrm{R})$ can be interprets using this criteria as follow:

$$
\begin{aligned}
& 0,800-1,00: \text { very high } \\
& 0,600-0,800 \text { : high } \\
& 0,400-0,600 \text { : significant } \\
& 0,200-0,400 \text { : low } \\
& 0,00-0,200: \text { very low }
\end{aligned}
$$

## G. Normality Test

Normality test is to determine whether normal or abnormal research data or research variables. The observation XI, X2, X3, ... ..., Xn are served raw numbers $\mathrm{Z} 1, \mathrm{Z} 2, \mathrm{Z} 3, \ldots, \ldots, \mathrm{Zn}$ using the formula. To count of raw numbers with the formulas :

$$
Z_{i}=\frac{X_{i}-\bar{X}}{S D}
$$

$\mathrm{X}=$ Average sample
S = Standard deviation
For each of these raw numbers using standard normal distribution is calculated odds $\mathrm{F}(\mathrm{Zi})=\mathrm{P}(\mathrm{Z} \leq \mathrm{Zi})$. Furthermore, in calculating the proportion that expressed by $\mathrm{S}(\mathrm{Zi})$ then the steps to find normality test of X and Y variable as follows:

1. Listing the students' score from the lowest to the highest.
2. The score made to $\mathrm{Z} 1, \mathrm{Z} 2, \mathrm{Z} 3, \ldots \ldots \ldots \ldots . . \mathrm{Zn}$ by using formula:

$$
\mathrm{ZI}=\frac{X-\bar{x}}{\mathrm{~s}}
$$

3. The table of Zi could be seen from the table of normal curve as the formula: $\mathrm{F}(\mathrm{Zi})=\frac{\mathrm{Fk}}{\mathrm{n}}$

Calculation $\mathrm{F}(\mathrm{Zi})-\mathrm{S}(\mathrm{Zi})$ and define the absolute price Determine the largest price of the difference $\mathrm{F}(\mathrm{Zi})-\mathrm{S}(\mathrm{Zi})$ as Lo. ${ }^{32}$

[^13]
## H. Homogenity Test

Homogeneity Test is used to determine whether the sample variance has the same or homogeneous variance, test of homogeneity is used with the following formula: ${ }^{33}$

$$
F=\frac{\text { THE HIGHEST VARIANCE }}{\text { THE LOWEST VARIANCE }}
$$

Criteria for testing H 0 is rejected if $\mathrm{F} \geq \mathrm{F} 0,05$ (v1, v2) where F0,05 (v1, v2) obtained from the $F$ distribution list with a chance of $\alpha=0,05$ and $\alpha=0,01$, whereas the v 1 and v 2 degrees of freedom each corresponding to of numerator and denominator of the formula above.

[^14]
## CHAPTER IV

## FINDINGS AND DISCUSSION

## A. DATA DESCRIPTION

On this research, the data were obtained based on the result from experimental and control class. XII MIPA 8 as the experimental class and XII MIPA 6 as the control class. On experimental class, reciprocal teaching strategy were used meanwhile expository strategy were used on control class. Therefore, to find out the data each of the classes were given pre test and post test. The test was multiple choice type which consist with 10 questions.

This table below will show the data statistic differences between experimental class and control class.

Table 4.1
Data Result

| Statistic <br> Source |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Experimental Class <br> (Reciprocal Teaching Strategy) |  | Control Class <br> (Expository Strategy ) |  |
| $\mathbf{N}$ | Pre test | Post test | Pre test | Post test |
| $\mathbf{N}$ | 30 | 30 | 29 | 29 |
| $\overline{\boldsymbol{x}}$ | 59 | 82 | 66.51 | 80.34 |

## 1. Experimental Class

Based on the data that can be seen on appendix 5 the class that applied reciprocal teaching strategy on the students reading comprehension had the lowest score of pre test was 20 and the highest score of pre test was 100 , thus the average of pre test was 59 . On contrary, for the post test the lowest and the highest score were 50 and 100 and the average was 82 .

After that, median and mode of the data on experimental will be calculated below. The data table is on appendix 7 and from the table can be seen that there are 30 data. The data has been arranged from the lowest to the largest. Then, for
the students' pre test scores the calculation on finding median data is:

$$
\begin{aligned}
& \frac{n}{2}=\frac{30}{2}=15 \\
& \frac{n+2}{2}=\frac{30+2}{2}=16
\end{aligned}
$$

Therefore, the median is on the data table number 15 and plus data table number 16 and then divided by 2 , as follows:

$$
\begin{aligned}
& \mathrm{M}_{\mathrm{e}}=\frac{60+60}{2}=60 \quad \text { (pre-test) } \\
& \mathrm{M}_{\mathrm{e}}=\frac{80+80}{2}=80 \quad \text { (post-test) }
\end{aligned}
$$

Thus, the median based on the students' pre-test score is 60 and on the students' post test score is 80 . Furthermore, the mode for both of the score can be seen based on the most frequently occurring or repetitive score based on the table. So, the most frequently occurring score on the students' pre test is 70 and for the post test is 80 .

## Chart 4.1



Based on the chart above, there are $27 \%$ of the students who gain 70 as their score on the pre test. $27 \%$ of the students equal as eight of the students and that was the most repetitive score that occur on the pre-test. The chart has been arranged from the lowest to highest score and can be seen that the median of the data is 60 as it stands in the middle of the data. Then, the next chart will show data from the students' post test score.

## Chart 4.2



From the chart above, the lowest score is 30 and the highest score was 100. Comparing to the previous chart, the students' score had increased significantly because none of the students gain the score from the post test below 50. Therefore, most of the students gain 80 which equal to 9 students. And it ca be conclude that both of the mode and the median of the data are 80 .

## 2. Control Class

Based on the data that can be seen on appendix 6, the control class showed the lowest score of pre test was 20 and the highest score of pre test was 100 , thus the average of pre test was 66.651 . For the post test, the highest and the lowest score similar with the result from pre-test, however the average was 80.34 .

After that, median and mode of the data on control class will be calculated below. The data table is on appendix 8 and from the table can be seen that there are 29 data. The data has been arranged from the lowest to the largest. Then, for the students' pre test score the calculation on finding median data is:

$$
\frac{\mathrm{n}+1}{2}=\frac{29+1}{2}=15
$$

Therefore, the median is on the data table number 15 and the median based on the students' pre-test score is 70 and on the students' post test score is 90 . Furthermore, the mode data for both of the score can be seen based on the most frequently occurring or repetitive score based on the table. So, the most frequently occurring score on the students' pre test is 70 and for the post test is 100 . The data can be seen on the next chart.

Chart 4.3


On the control class, the lowest score is 20 and the highest score 100 . From 29 of the students, 8 of them were gain 70 on the pre test. Furthermore, the score stands in the middle from all of the data are also 70 . Thus, the mode of the data is 70 as it was the most repetitive score and the median data is 70 . Then, the comparison of the data can be seen on the next chart.

## CHART 4.4



On the control class, the lowest score is 20 and the highest score is 100 . The data showed that some of the students gain higher score on the post test than
on the pre-test, but the lowest score still the same as on the pre test. Comparing to the experimental class from the previous chart, the data show that the lowest score was not below 50 . Therefore, $38 \%$ of the students gain 100 on the post test which is the most repetitive score. Then, as it calculated before the median of the students score on post test is 90 and the mode is 100 .

In addition, the chart below will show differences data findings between the experimental class and conventional class.

## CHART 4.5

The mean score of experimental class and conventional class


From the chart above can be seen that there is a significant improvement on experimental class that was used reciprocal teaching strategy. It means that the students' score was highly increased. Meanwhile, the control class which used conventional method is not showing the significant amplification as much as the experimental class.

## B. DATA ANALYSIS

The data was taken from a computation result after the test was analyzed. It is aimed at finding out the significant effect of reciprocal teaching strategy on the students reading comprehension. The analysis was conducted both to establish the reliability of the research instrument and to test the hypothesis. Each of these was presented as follows:

## 1. Reliability of the test

In reliability of the test, the data can be seen on appendix 8 . The reliability of the test was established to examine the hypothesis in order to find put the answer based on the research problem. To obtain the reability of the test, the writer used the formula of Richard Kuderson 21 as follow :

$$
\begin{aligned}
\mathrm{r}_{11} & =\frac{\mathrm{k}}{\mathrm{k}-1}\left\{1-\frac{X(k-X)}{k S B t^{2}}\right\} \\
& =\frac{10}{9} \begin{cases}1 & \left.-\frac{8.14(10-8.14)}{10 \mathrm{x} 3.37}\right\} \\
& =\frac{10}{9}\{1 \\
& =\frac{10}{9}\left\{\begin{array}{l}
1-\frac{15.14}{33.7}
\end{array}\right\} \\
& =\frac{10}{9}\left\{\begin{array}{l}
1-0.45
\end{array}\right\} \\
& =1.11 \mathrm{x} \\
& =0.55\end{cases} \\
& =0.61
\end{aligned}
$$

Where ${ }^{-}$

$$
\begin{aligned}
S_{t} & =\frac{\sum X_{t}^{2}-\frac{\left(\sum X_{t}\right)^{2}}{N}}{N} \\
& =\frac{4104-\frac{(480)^{2}}{59}}{59} \\
& =\frac{4104-3905.08}{59} \\
& =3.37
\end{aligned}
$$

The calculation shows that the coefficient of reliability of the Objective Test was 0.61 . it means that the reliability of the test is HIGH, as following :

$$
\begin{aligned}
& 0.800-1.00 \text { : very high } \\
& 0.600-0.800 \text { : high } \\
& 0.400-0.600 \text { : significant } \\
& 0.200-0.400 \text { : low } \\
& 0.00-0.200 \text { : very low }
\end{aligned}
$$

## 2. Validity of the Test

Table 4.2
The Validity Calculation of the Test

| No. | X | $\mathrm{X}^{2}$ | Y | $\mathrm{Y}^{2}$ | XY |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 1 | 100 | 10000 | 70 | 4900 | 7000 |
| 2 | 90 | 8100 | 50 | 2500 | 4500 |
| 3 | 50 | 2500 | 60 | 3600 | 3000 |
| 4 | 90 | 8100 | 90 | 8100 | 8100 |
| 5 | 60 | 3600 | 80 | 6400 | 4800 |
| 6 | 80 | 6400 | 70 | 4900 | 5600 |
| 7 | 100 | 10000 | 80 | 6400 | 8000 |
| 8 | 80 | 6400 | 60 | 3600 | 4800 |
| 9 | 100 | 10000 | 80 | 6400 | 8000 |
| 10 | 100 | 10000 | 80 | 6400 | 8000 |
| 11 | 70 | 4900 | 90 | 8100 | 6300 |
| 12 | 80 | 6400 | 70 | 4900 | 5600 |
| 13 | 60 | 3600 | 100 | 10000 | 6000 |
| 14 | 80 | 6400 | 70 | 4900 | 5600 |
| 15 | 80 | 6400 | 80 | 6400 | 6400 |
| 16 | 100 | 10000 | 80 | 6400 | 8000 |
| 17 | 100 | 10000 | 90 | 8100 | 9000 |
| 18 | 100 | 10000 | 90 | 8100 | 9000 |
| 19 | 70 | 4900 | 100 | 10000 | 7000 |
| 20 | 100 | 10000 | 100 | 10000 | 10000 |
| 21 | 30 | 900 | 100 | 10000 | 3000 |
| 22 | 20 | 400 | 100 | 10000 | 2000 |
| 23 | 90 | 8100 | 90 | 8100 | 8100 |
| 24 | 80 | 6400 | 80 | 6400 | 6400 |
| 25 | 30 | 900 | 90 | 8100 | 2700 |
| 26 | 100 | 10000 | 80 | 6400 | 8000 |


| 27 | 100 | 10000 | 80 | 6400 | 8000 |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 28 | 100 | 10000 | 90 | 8100 | 9000 |
| 29 | 90 | 8100 | 70 | 4900 | 6300 |
| 30 |  |  | 90 | 8100 | 0 |
|  | $\mathrm{X}=2330$ | $\mathrm{X}^{2=} 202500$ | $\mathrm{Y}=2460$ | $\mathrm{Y}^{2=} 208600$ | $\mathrm{XY}=188400$ |

$$
\begin{aligned}
& \mathrm{X}=2330 \\
& X^{2}=202500 \\
& \mathrm{Y}=2460 \\
& \mathrm{Y}^{2=208600} \\
& X Y=188400 \\
& r_{x y}=\frac{\mathrm{n} \sum \mathrm{XY}-\left(\sum \mathrm{X}\right)\left(\sum \mathrm{Y}\right)}{\left.\sqrt{\left\{\mathrm{n} \sum \mathrm{X}^{2}\right.}-\left(\sum \mathrm{X}\right)^{2}\right\}\left\{\mathrm{n} \sum \mathrm{Y}^{2}-\left(\sum \mathrm{Y}\right)^{2}\right\}} \\
& \mathbf{r}_{\mathrm{xy}}=\frac{(59)(188400)-(2330)(2460)}{\left.\sqrt{\{59 \times 202500}-(2330)^{2} \text { § } 9 \times 208600-(2460)^{2}\right\}} \\
& \mathbf{r}_{\mathrm{xy}}=\frac{11115600-5731800}{\sqrt{(11947500-5428900)\}}\{2307400-6051600\}} \\
& \mathbf{r}_{\mathrm{xy}}=\frac{5383800}{\sqrt{(6518600)(6255800)}} \\
& \mathbf{r}_{\mathrm{xy}}=\frac{5383800}{\sqrt{4.07790579 e 13}} \\
& =\quad 5383800 \\
& 6385848.25 \\
& \mathbf{r}_{\mathrm{xy}}=0.84
\end{aligned}
$$

The calculation shows that the coefficient of validity of the test was 0.84 . It means that the validity of the test is very high, as following:
0.800-1.00 : very high
0.600-0.800 : high
0.400-0.600 : significant
0.200-0.400 : low
0.00-0.200 : very low

## 3. Preliminary Analysis

## a. The Calculation Table of Standard Deviation

In calculating homogeneity of the test, all the students' score should be arranged into a standard deviation table. Then, the table above will show the score difference of pre-test and post test of Experimental Group.

Table 4.3
EXPERIMENTAL CLASS (X)

| No | Initial <br> Name | Pre-test | T1 | Post-Test | T2 | X = (T2-T1) |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 1 | AH | 40 | 1600 | 70 | 4900 | 30 |
| 2 | BKCS | 20 | 400 | 50 | 2500 | 30 |
| 3 | B | 20 | 400 | 60 | 3600 | 40 |
| 4 | CAA | 70 | 4900 | 90 | 8100 | 20 |
| 5 | DKS | 70 | 4900 | 80 | 6400 | 10 |
| 6 | DSN | 30 | 900 | 70 | 4900 | 40 |
| 7 | FH | 60 | 3600 | 80 | 6400 | 20 |
| 8 | FA | 50 | 2500 | 60 | 3600 | 10 |
| 9 | IL | 50 | 2500 | 80 | 6400 | 30 |
| 10 | LN | 50 | 2500 | 80 | 6400 | 30 |
| 11 | MA | 50 | 2500 | 90 | 8100 | 40 |
| 12 | MBK | 40 | 1600 | 70 | 4900 | 30 |
| 13 | MH | 50 | 2500 | 100 | 10000 | 50 |
| 14 | MS | 60 | 3600 | 70 | 4900 | 10 |
| 15 | MT | 70 | 4900 | 80 | 6400 | 10 |
| 16 | NAS | 70 | 4900 | 80 | 6400 | 10 |
| 17 | PM | 60 | 3600 | 90 | 8100 | 30 |
| 18 | RM | 90 | 8100 | 90 | 8100 | 0 |
| 19 | RH | 90 | 8100 | 100 | 10000 | 10 |
| 20 | RJ | 90 | 8100 | 100 | 10000 | 10 |
| 21 | SA | 70 | 4900 | 100 | 10000 | 30 |
| 22 | SN | 60 | 3600 | 100 | 10000 | 40 |
| 23 | SRW | 70 | 4900 | 90 | 8100 | 20 |


| 24 | SR | 50 | 2500 | 80 | 6400 | 30 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 25 | TZ | 60 | 3600 | 90 | 8100 | 30 |
| 26 | TFT | 60 | 3600 | 80 | 6400 | 20 |
| 27 | WSY | 70 | 4900 | 80 | 6400 | 10 |
| 28 | WSI | 80 | 6400 | 90 | 8100 | 10 |
| 29 | ZA | 50 | 2500 | 70 | 4900 | 20 |
| 30 | CNS | 70 | 4900 | 90 | 8100 | 20 |
|  |  | 1770 | 113900 | 2460 | 206600 | 690 |
|  | MEAN | 59 | 376.67 | 82 | 6886.67 | 23 |

Based on the table above, the calculation of standard deviation as below:

$$
\begin{aligned}
\frac{\sum X}{x} & =\frac{2460}{\mathrm{n}} \\
& =\frac{2460}{30} \\
& =82
\end{aligned}
$$

From the calculation above, the mean data from the students' post test score was $82 .{ }^{2}$ Then, the next step is to find out the standard deviation of the experiment class as below:

$$
\begin{aligned}
S & =\sqrt{\frac{n\left(\sum X^{2}\right)-\left(\sum X\right)^{2}}{n(n-1)}} \\
& =\sqrt{\frac{(30)(206600)-(2460)^{2}}{(30)(29)}} \\
& =\sqrt{\frac{6198000-6051600}{870}} \\
& =\sqrt{\frac{146400}{870}} \\
& =\sqrt{168.2759} \\
& =12.97212
\end{aligned}
$$

From the calculation above, the standard derivation for experimental class
is 12.97212 . After that, the next data is to calculate standard deviation for the control class.

Table 4.4
Control class

| No | Initial Name | Pre-test | T1 | Post-Test | T2 | X = (T2-T1) |
| ---: | :--- | ---: | ---: | ---: | ---: | ---: |
| 1 | AIF | 80 | 6400 | 100 | 10000 | 20 |
| 2 | AA | 90 | 8100 | 90 | 8100 | 0 |
| 3 | AAU | 50 | 2500 | 50 | 2500 | 0 |
| 4 | AS | 90 | 8100 | 90 | 8100 | 0 |
| 5 | BK | 50 | 2500 | 60 | 3600 | 10 |
| 6 | CFM | 80 | 6400 | 80 | 6400 | 0 |
| 7 | CMAA | 50 | 2500 | 100 | 10000 | 50 |
| 8 | CNMS | 80 | 6400 | 80 | 6400 | 0 |
| 9 | DAF | 50 | 2500 | 100 | 10000 | 50 |
| 10 | DF | 100 | 10000 | 100 | 10000 | 0 |
| 11 | DRAS | 70 | 4900 | 70 | 4900 | 0 |
| 12 | DM | 60 | 3600 | 80 | 6400 | 20 |
| 13 | DF | 60 | 3600 | 60 | 3600 | 0 |
| 14 | MIN | 80 | 7921 | 80 | 6400 | -9 |
| 15 | MA | 80 | 6400 | 80 | 6400 | 0 |
| 16 | MAAK | 60 | 3600 | 100 | 10000 | 40 |
| 17 | NM | 70 | 4900 | 100 | 10000 | 30 |
| 18 | PAMS | 70 | 4900 | 100 | 10000 | 30 |
| 19 | PWD | 70 | 4900 | 70 | 4900 | 0 |
| 20 | QA | 70 | 4900 | 100 | 10000 | 30 |
| 21 | RAZ | 30 | 900 | 30 | 900 | 0 |
| 22 | SAS | 20 | 400 | 20 | 400 | 0 |
| 23 | SF | 90 | 8100 | 90 | 8100 | 0 |
| 24 | S | 80 | 6400 | 80 | 6400 | 0 |
| 25 | SANST | 30 | 900 | 30 | 900 | 0 |
| 26 | SAP | 70 | 4900 | 100 | 10000 | 30 |
| 27 | SRS | 70 | 4900 | 100 | 10000 | 30 |
| 28 | TAB | 50 | 2500 | 100 | 10000 | 50 |
| 29 | ADA | 70 | 4900 | 90 | 8100 | 20 |
|  |  | 1929 | 138921 | 2330 | 202500 | 401 |
|  |  | MEAN | $\mathbf{6 6 . 5 1}$ | $\mathbf{4 7 9 0 . 3 1}$ | $\mathbf{8 0 . 3 4}$ | $\mathbf{6 9 8 2 . 7 5}$ |

Based on the data above, the standard deviation of the control class will be

$$
\sqrt{\frac{n\left(\sum X^{2}\right)-\left(\sum X\right)^{2}}{n(n-1)}}
$$

calculated as below:

$$
S \quad=
$$

$$
=\quad \sqrt{\frac{(29)(202500)-(2330)^{2}}{(29)(28)}}
$$

$=$
$\sqrt{\begin{array}{c}5872500-5428900 \\ 812\end{array}}$
$=\quad \sqrt{\frac{443600}{812}}$
$=\quad \sqrt{546.3054}$
$=\quad 23.37318$

On the control class, the standard derivation was 27.37318 . From the calculation above, the data can be used to find out the homogeneity of the test.
b. Normality Testing

After getting the calculation of mean, variant and deviation standard, the next step is to find out the normality of the test. Normality test was used to measure whether data has normal distribution or not. Both of the experiment and control class will be examine by using Liliefors Test. The first step is listing the students' score from the lowest to the highest. The score made to $\mathrm{Z} 1, \mathrm{Z} 2$, Z3, $\qquad$ .Zn by using formula:

$$
Z I=\frac{X-\tilde{x}}{S}
$$

The table of Zi could be seen from the table of normal curve

$$
\begin{array}{rlc}
\mathrm{F}(\mathrm{Zi}) & = & \frac{\text { Fkum }}{\mathrm{n}} \\
& = & 1 / 30 \\
& =0.03
\end{array}
$$

The calculation of normality reading comprehension on experimental class can be seen in the following table:

Table 4.5
Normality Test of X Variable

| NO | $\mathbf{X i}$ | F | F kum | $\mathbf{Z i}$ | F(Zi) | S(Zi) | $\mathbf{F}(\mathbf{Z i})$ - $\mathbf{S}(\mathbf{Z i})$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1. | 50 | 1 | 1 | $2.4668$ | 0.006816 | 0.03 | -0.03 |
| 2. | 60 | 2 | 3 | 1.6959 | 0.044948 | 0.10 | -0.06 |
| 3. | 70 | 5 | 8 | 0.9251 | 0.177467 | 0.27 | -0.09 |
| 4. | 80 | 9 | 17 | 0.1542 | 0.438735 | 0.57 | -0.13 |
| 5. | 90 | 8 | 25 | 0.6167 | 0.731286 | 0.83 | -0.10 |
| 6. | 100 | 5 | 30 | 1.3876 | 0.917369 | 1.00 | -0.08 |

Based on the table 4.5 Lobserved is -0.03 and the Lilifors test in significant was $=0.05$ with $n=30$, was 0.161 . So the $\mathrm{L}_{\text {observed }}<\mathrm{L}_{\text {table }}$ with $-0.03<0.161$, So it could be concluded that data was normally distributed. Then, with the same step but different data the calculation of normality reading comprehension on control class can be seen in the following table and the table of Zi could be seen from the table of normal curve.

$$
\begin{array}{rlc}
\mathrm{F}(\mathrm{Zi}) & = & \frac{\text { Fkum }}{\mathrm{n}} \\
& = & 1 / 29 \\
& =0.03
\end{array}
$$

Table 4.6
Normality Test of Y Variable

| NO | $\mathbf{X i}$ | F | F kum | $\mathbf{Z i}$ | F(Zi) | S(Zi) | F(Zi)-S(Zi) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1. | 20 | 1 | 1 | $2.5816$ | 0.004917 | 0.034483 | -0.02957 |
| 2. | 30 | 2 | 3 | 1.7359 | 0.041294 | 0.103448 | -0.06215 |
| 2. | 50 | 1 | 4 | 1.2981 | 0.097132 | 0.137931 | -0.0408 |


|  |  |  |  | - |  |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 3. | 60 | 2 | 6 | 0.7014 | 0.241533 | 0.206897 | 0.034637 |
| $4 .$. | 70 | 2 | 8 | 0.4424 | 0.329104 | 0.275862 | 0.053242 |
| 5. | 80 | 6 | 14 | 0.0145 | 0.494197 | 0.482759 | 0.011438 |
| 6. | 90 | 4 | 18 | 0.4133 | 0.660304 | 0.62069 | 0.039615 |
| 7. | 100 | 11 | 29 | 0.8411 | 0.799864 |  |  |

Based on the table 4.5 $\mathrm{L}_{\text {observed }}$ is 0.05 and the Lilifors test in significant was $=0.05$ with $n=29$, was 0.161 . So the $L_{\text {observed }}<\mathrm{L}_{\text {table }}$ with $0.05<0.161$, So it could be concluded that data was normally distributed.

## c. Homogeneity Testing

Homogeneity test was performed to determine whether the variances of data were equal from two distribution groups. Then, the calculation below are the data based on Variable X and Variable Y.

$$
\begin{aligned}
F_{\text {observed }} & =\frac{\text { The Highest Variance }}{\text { The Lowest Variance }} \\
& =\frac{23.37318}{12.97212} \\
& =1.80
\end{aligned}
$$

Then the coefficient of $\mathrm{F}_{\text {observed }}=1.80$ was compared with $\mathrm{F}_{\text {table }}$, where $\mathrm{F}_{\text {table }}$ is determined at real level $\alpha=0.05$ and the numerator $\mathrm{df}=\mathrm{N}=30$ and the denominator $\mathrm{dk}=29$. So, by using the list of critical value at F distribution was found F0.05 $(30,29)=1.88$. So it could be concluded that the data were homogeny because $\mathrm{F}_{\text {observed }}<\mathrm{F}_{\text {table }}(1.80<1.88)$.

## d. Calculation of t-test

Table 4.4
Calculation of $\mathbf{t}$-test (Experimental Group)

| No | Initial <br> Name | Pre-test | Post-Test | Deviation <br> (X2) | Squared <br> Deviation <br> $(\mathbf{X 2})^{2}$ |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 1 | AH | 40 | 70 | 30 | 900 |
| 2 | BKCS | 20 | 50 | 30 | 100 |



```
= 20730-15870
= 4860
```

Table 4.5
Calculation of $\mathbf{t}$-test (Control Class)

| No | Initial Name | Pre-test | Post-Test | Deviation (X2) | Squared Deviation (X2) ${ }^{2}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | AIF | 80 | 100 | 20 | 400 |
| 2 | AA | 90 | 90 | 0 | 0 |
| 3 | AAU | 50 | 50 | 0 | 0 |
| 4 | AS | 90 | 90 | 0 | 0 |
| 5 | BK | 50 | 60 | 10 | 100 |
| 6 | CFM | 80 | 80 | 0 | 0 |
| 7 | CMAA | 50 | 100 | 50 | 2500 |
| 8 | CNMS | 80 | 80 | 0 | 0 |
| 9 | DAF | 50 | 100 | 50 | 2500 |
| 10 | DF | 100 | 100 | 0 | 0 |
| 11 | DRAS | 70 | 70 | 0 | 0 |
| 12 | DM | 60 | 80 | 20 | 400 |
| 13 | DF | 60 | 60 | 0 | 0 |
| 14 | MIN | 80 | 80 | -9 | 81 |
| 15 | MA | 80 | 80 | 0 | 0 |
| 16 | MAAK | 60 | 100 | 40 | 1600 |
| 17 | NM | 70 | 100 | 30 | 900 |
| 18 | PAMS | 70 | 100 | 30 | 900 |
| 19 | PWD | 70 | 70 | 0 | 0 |
| 20 | QA | 70 | 100 | 30 | 900 |
| 21 | RAZ | 30 | 30 | 0 | 0 |
| 22 | SAS | 20 | 20 | 0 | 0 |
| 23 | SF | 90 | 90 | 0 | 0 |
| 24 | S | 80 | 80 | 0 | 0 |
| 25 | SANST | 30 | 30 | 0 | 0 |
| 26 | SAP | 70 | 100 | 30 | 900 |
| 27 | SRS | 70 | 100 | 30 | 900 |
| 28 | TAB | 50 | 100 | 50 | 2500 |
| 29 | ADA | 70 | 90 | 20 | 400 |
|  |  | 1929 | 2330 | 401 | 14981 |
|  | MEAN | 66.51 | 80.34 | 13.82 | 499.36 |

$$
\begin{aligned}
\mathbf{M}_{2} & =\frac{\sum x 2}{\mathrm{~N}}=\frac{401}{29}=13.82 \\
\mathbf{X}_{\mathbf{2}} & =\sum x 2-\frac{\left(\sum x 1\right)^{2}}{\mathbf{N}} \\
\mathbf{X}_{\mathbf{2}} & =14981-\frac{\left(401^{2}\right)}{29} \\
& =14981-5544.86 \\
& =9436.14
\end{aligned}
$$

From the data above, can be concluded that:
$\mathrm{M}_{1}=23$
$\mathrm{M}_{2}=13.82$
$\mathrm{X}_{1}=4430$
$\mathrm{X}_{2}=9436.14$
$\mathrm{N}_{1}=30$
$\mathrm{N}_{2}=29$
Therefore, the calculation of $t$-observed as follows:

$$
\begin{aligned}
t & =\frac{\mathrm{M}_{1}-\mathrm{M}_{2}}{\sqrt{\left.\frac{\left(\mathrm{Mx}_{1+\mathrm{MX}}^{2}\right)}{\mathrm{N}_{1}+\mathrm{N}_{2}-2}\right)\left(\frac{\mathrm{N}_{1}+\mathrm{N}_{2}}{\mathrm{~N}_{1} \cdot \mathrm{~N}_{2}}\right)}} \\
& =\frac{23-13.82}{\sqrt{\left(\frac{4430+9436.14}{30+29-2}\right)\left(\frac{30+29}{30.29}\right)}} \\
& =\sqrt{\frac{9.18}{\left.\frac{13866.14}{57}\right)\left(\frac{59}{870}\right)}} \\
& =\sqrt{(243.26)[0.06]} \\
& =\frac{9.18}{\sqrt{14.5956}}
\end{aligned}
$$

$$
\begin{aligned}
& =\frac{9.18}{3.82} \\
& =\quad 2.40
\end{aligned}
$$

After measuring the data by using $t$-test as it showed above $t_{\text {observed }}$ value is 2.40. The result of calculation showed that $\mathrm{t}_{\text {observed }}$ is higherthantable $(2.40>$ $1.67, \mathrm{p}=0.05$ ). This means that the alternative hypothesis (Ha) is accepted and H 0 is rejected.

## e. Testing Hypothesis

The basic testing OF hypothesis in this research were :
If t -observed > t-table, the hypothesis will be accepted.
If t-observed < t-table, the hypothesis will be rejected.
From the calculation above, it is found that $\mathrm{t}_{\text {observed }}$ is higher that $\mathrm{t}_{\text {table }}$ or can be seen as follows:
$\mathrm{T}_{\text {obs }}>\mathrm{t}_{\text {table }}(\mathrm{p}=0,05 ; \mathrm{df}=59)$
$3.44>2.00(\mathrm{p}=0,05 ; \mathrm{df}=59)$
Thus, the alternative hypothesis (Ha) is accepted at the level of the significance 0,05 for two tailed test and the degree of freedom (df) 59, (Obtained from, N1 + N2-2 = 30 + 29-2 = 59). It can be concluded that "there is a significant effect of Reciprocal Teaching Strategy on the Students Reading Comprehension".

## f. Research findings

Based on the data above, can be seen that there was significant difference between the experimental class and the control class. In experimental class the students were taught by applying reciprocal teaching strategy. There are 30 students on that class and before the treatment they were given a pre test which consists of 10 questions. The topic was conditional sentence which also can be used by the students when arranging sentences on the treatment. Therefore, from the pretest, the students' mean score was 59 which was quiet low. Then, on the treatment, all of the students work together as a group which consists of 6 or 7 students. They were making a video discussing about a text and then every student practicing their role on that video. If the student's role is a summarizer, then she or he will explain briefly the contents of the text.

On the other hand, the control class was applying conventional strategy on the treatment. The students on the control class will discuss about text individually and write a summarization of the text in a piece of paper. Then, the students' mean score were 66.5 which higher than the experimental class. However, after the treatment the students were given a post test which consists of 10 questions. The data showed that, the experimental class gaining higher significant score than the control class. On the post test, the mean score for the experimental class was 82 meanwhile control class was 80 .

Furthermore, the most frequently repetitive score of the experimental class is 70 on the pre-test. Then, on the post test $30 \%$ of the students' score is 80 . For the median score for both of the pre-test and post test score are 80. Meanwhile on the control class, the mode score based on the data of the students' pre test score is 70 because $28 \%$ of the students gain 70 . Then, for the post test $38 \%$ of the students score reach out to 100 . Then, the median score on the students pre-test is 70 and for the post-test is 90 .

From the findings of this research, the researcher found that discussing a text on a group was better than working individually. As a group which applying Reciprocal Teaching Strategy, the students will try to help the other group members. Thus, the students' reading comprehension about the text will get better when applying Reciprocal Teaching Strategy.

## C. DISCUSSION

From the findings above, the data shows that Reciprocal Teaching Strategy has significant effects towards the students reading comprehension at the third grade of SMA NEGERI 1 Lhokseumawe. Based on the result can be seen that students from the experimental class gaining higher score than the control class. Some of the previous research also have applied reciprocal teaching strategy towards the students reading comprehension. A study entitled "Teaching Reading through Reciprocal Teaching Strategy" written by Dani Afrizatama convinced that Reciprocal Teaching Strategy was effective in teaching reading because the strategy can improve the students' reading comprehension. Thus, the research have similar result to this study because
reciprocal teaching strategy can be used to enhance the students' reading comprehension.

The second research was "Reciprocal Teaching Strategy in Embedding critical thinking." The research was using both of quantitative and qualitative method meanwhile this research only used quantitative method. Furthermore, that research which written by Andi Ayu Lestari claimed that reciprocal teaching strategy has a good influence in motivating the students' critical thinking, however based on this study the focused was on literal and interpretative comprehension.

The third research was entitled "The Use of Reciprocal Teaching to Improve Students' Reading Comprehension Skill." The research was using classroom action research. From the research can be conclude that the students was being more active during teaching learning when applying Reciprocal Teaching Strategy. Furthermore, the students gaining higher score after working together with their classmates in a group.

The forth research was written by Ahmed Mohammed Moneus which used the same method and this study, Reciprocal Teaching Strategy can be used with the university students in learning literary subjects. However, the differences are those university students applied this strategy deeper by communicating between all of the students without any obstacles. Meanwhile, in this study the students needed some times to get used with predicting, summarizing, questioning, and clarifying the text with their group members.

For the last research entitled "Developing Students' reading Comprehension through Reciprocal Teaching Strategy." This research also strengthen a fact that Reciprocal Teaching Strategy is decent to be used by the teacher to stimulate the students reading comprehension. In line with that, the research has similar result with this study as the group which taught by applying Reciprocal Teaching Strategy was gaining higher score than the conventional one.

So from five previous researches above, there is similarity of the result. The similarity can be concluded that Reciprocal Teaching Strategy can enhance the students' reading comprehension. The significance effect can be
seen from the students' score pre test and post test. The students score becoming higher after applying reciprocal teaching strategy. However, the differences can be seen as the different level of the subject on the previous research. Then, the main concentrate of the previous research was not only about literal and interpretative comprehension but also critical reading. Thus, Reciprocal Teaching Strategy has a positive effect towards the students' reading comprehension even on some various level of the students.

## CHAPTER V

## CONCLUSION AND SUGGESTION

## A. CONCLUSION

Based on the research and the data analysis that have been discussed above can be conclude that Reciprocal Teaching Strategy has a significant effect towards the students' reading comprehension. The average score of pre-test in experimental class was 59 and after the treatment the score on post test was increased become 82. Meanwhile, the average score of the pre-test in the control class was 66.52 and the post-test was 80.34 . It can be seen that t observed was higher than t -table ( $2.40>1.67$ ) at the significant level of 0.05 . Therefore, the result showed that the alternative hypothesis (Ha) is accepted and H 0 is rejected. Thus, can be said that the research question on this study has been answered and reciprocal teaching strategy was success to enhance the students' reading comprehension.

## B. SUGGESTION

Based on the research that has been done, the researcher would like to give suggestion as follows:

1. To the principal of SMA NEGERI 1 LHOKSEUMAWE, it is good to motivate the teachers, especially English teacher to teach the students by using Reciprocal Teaching Strategy, because this strategy effectively increase the students' reading comprehension.
2. To the English teacher, they should be able to apply differences strategy to attract the students in the learning process especially during this online school. Therefore, for teaching reading Reciprocal Teaching Strategy can be used to make the students keep work together with their friends and this strategy will attract them in contributing the learning process.
3. To the students, they should find a strategy that can make them have a good motivation in learning English. For the students who prefer to learn in a group activity, they can try Reciprocal Teaching Strategy.
4. To other researcher in the major as the writer which is English Education, they can try to apply Reciprocal Teaching Strategy as one of the teaching strategy to prove that this strategy has significant effect to the students' English ability.

## BIBLIOGRAPHY

Ary, et al. (2010). Introduction to Research in Education. Wadsworth: Cengage Learning.

Cahyono, B. Y. (2010). The teaching of English Language Skills and English Language Components. Malang: State University of Malang Press.

Cooper, T. \&Greive, C. (2009). The Effectiveness of the Methods of ReciprocalTeaching. ResearchOnline@Avondale, 45-47.

Creswell, J.W. (2009). Research design: Qualitative, quantitative and mixed methods approaches. (3rd edn.). Thousand Oaks, CA: Sage.

Felstead, A (2002) 'Putting skills in their place: the regional pattern of work skills in late twentieth century Britain', in Evans, K, Hodkinson, P and Unwin, L (ed.) Working to Learn: Transforming Learning and the Workplace, London: Kogan Page.

Denzim\&Lincolin. (2009). Hanbook of Qualitative Research. (Yogyakarta: PustakaPelajar.

Marbun, D. (2014), Reading on Purpose. Medan.
Hacker, D., \&Tenent, A. (2002). Implementing reciprocalteaching in the classroom: Overcoming obstacles and making modifications.Journal of Educational Psychology, 94(4), 699-718. http://dx.doi.org/10.1037/00220663.94.4.699

Heilman, A, et.al. 1988. The Principles and The Practices of Teaching Reading. Ohio : Charles E. Merill Publishing Co.

Jaya, I. (2013).PenerapanStatistikUntukPendidikan. Bandung: Citapustaka Media Perintis.

Khoriyah. (2010). Reading 1. Kediri: University Press.

Koul, P. (2007). Teleconferencing as an effective Learning Experience: Feedback from University News, 45(12). 9-15.

Kumar, R. (2011). Research Methodology: A step-by-step Guide for Beginners. 3rd Edition. India: Sage Publication.

Lee, A. Westera, J. \&Diggins, C. (2003). Quality Teaching for Diverse Students in Schooling: Best Evidence Synthesis. New Zealand: BES.

Mikulecky, B. S. (2011). A Short Course in Teaching Reading: Practical Technique for Building Reading Power. United State America: Pearson Longman.

Moleong, Lexy. J. (2007). MetodologyPendidikanKualitatif. Yogyakarta: LkiS.
Nation, I. S. P. (2009). Teaching ESL/EFL reading and writing. New York: Routledge.

Nunan, D. (2003). Practical English Language Teaching. New York : Mc Graw Hill.

Omari, H. A., Weshah H. A. (2010). Using the Reciprocal Teaching Method by Teachers at Jordanian Schools". In: European Journal of Social Sciences, 15 (1).

Ratnaningsih, S. (2017). Scientific approach of 2013 curriculum: Teachers' implementation in English language teaching. English Review: Journal of English Education, 6(1), 33-40. DOI: 10.25134/erjee.v6i1.768.

Regina L. S., \& Mary K. R. (2011). Refining Composition Skill. New York: International Thompson Publishing Company, 4th Edition.

Richards, J., Raymond, R. (2002). Methodology in Language Teaching: An Anthology of Current Practice. Cambridge: Cambridge University Press.

Salehi, M., \& Vafakhah S. (2013).Australian Journal of Basic and Applied Sciences. A Comparative Study of Reciprocal Teaching Only (RTO) and Explicit Teaching of Strategies before Reciprocal Teaching (ET-RT) On Reading Comprehension of EFL Learners, 7(2). 148-155.

Sudjana. (2009). MetodeStatistika. Bandung: Tarsito Bandung.
Sudijono, A. (2011), Pengantar Statistic Pendidikan, Jakarta: Raja Grafindo Persada.

Vassiliou. (2011). Teaching Reading in Europe: Contexts, Policies and Practices. Brussels: Avenue du Bourget

Wardiman, et. al. (2008). English in Focus: for Grade VII Junior High School(SMP/MTs). Jakarta: PusatPerbukuan.

## LIST OF APPENDICES

## APPENDIX 1

## LESSON PLAN (EXPERIMENTAL GROUP)

## School : SMA NEGERI 1 Lhokseumawe

Subject : Interaction and interactional text which giving and asking about conditional sentence

Class/Semester : XII/1
Time Allocation : $2 \times 30$ Minutes

## I Standard Competency

Understanding the meaning of short functional text and essay in a form of a short text.

## II Basic Competence

Responding the meaning of short functional text accurately and fluently.

## III Indicators

1. To identify topics of the text that has been read
2. To identifying certain information of short functional text
3. To explain main idea of the text
4. Answer the question

## IV Teaching Objective

1. The students can identify topics of the text that has been read
2. The students can identifying certain information of short functional text
3. Students can explain main idea of the text
4. Students can answer the question

V Character goals : Trusworthiness, Respect, Diligence
VI Strategy of Teaching: Reciprocal Teaching Strategy
VII Procedure of Teaching
a. Introduction

1. Greeting the students
2. Check the list of attendance
3. Start the lesson with praying
4. Teacher gives motivation to the students
5. Teacher does apperception by asking students some texts they ever read
b.Core Activity Teacher explains about the strategy that will be used
6. Teacher divides the students into some groups
7. Teacher gives a text for every group.
8. All of the students on each group have their own role.
9. Teacher guide the students to comprehend the information from the text.
10. The students make a video discussing about their own role on the group
11. The students sent their video to the researcher email account
c. Closing
12. Teacher asks students about the difficulty of material
13. Teacher gives opportunity to students for asking question
14. Teacher answer the question from students
15. The teacher makes conclusion of the material
16. Teacher reminds the students to do self-study at home
17. Teacher close the learning process

## VIII Source/tool/media

Source : text from the internet
Media : Internet(Google Classroom, Google Drive, Whatsapp)

## IX Evaluation

a. Technique : Written and video
b. Form of instrument : Multiple Choices
c. Example of instrument : Choose the best answer by crossing (x) a,b,c, or d!
d. Direction of evaluation:

1. Every correct answer : 10
2. Maximum scores : 100
$\mathrm{X}=\underline{\Sigma X} \quad \times 100$
N
Where :
$\mathrm{X}=$ The mean of students' score
$\Sigma \mathrm{x}=$ The total score
$\mathrm{N}=$ The number of the students

Medan, 20 May 2020

English Teacher


Nurul Hapsah, S. Pd., M. Ed.
NIP. 197104211997022003

Researcher


RaisaAinaa
NIM: 0304162078

Headmaster of SMA NEGERI 1 LHOKSEUMAWE


NIP. 197004011995012001

## APPENDIX 2

## LESSON PLAN (CONTROL GROUP)

## School : SMA NEGERI 1 Lhokseumawe

## Subject :Interaction and interactional text which giving and asking about conditional sentence

Class/Semester : XII/1
Time Allocation : $2 \times 30$ Minutes

## X Standard Competency

Understanding the meaning of short functional text and essay in a form of interaction and interactional text.

## XI Basic Competence

Responding the meaning of short functional text accurately and fluently.

XII Indicators

1. To identify topics of the text that has been read
2. To identifying certain information of short functional text
3. To explain main idea of the text
4. Answer the question

## XIII Teaching Objective

1. The students can identify topics of the text that has been read
2. The students can identifying certain information of short functional text
3. Students can explain main idea of the text
4. Students can answer the question

XIV Character goals : Trustworthiness, Respect, Diligence
XV Strategy of Teaching: Conventional Strategy
XVI Procedure of Teaching
a. Introduction

1. Greeting the students
2. Check the list of attendance
3. Start the lesson with praying
4. Teacher gives motivation to the students
5. Teacher does apperception by asking students some texts they ever read
b. Core Activity Teacher explains about the strategy that will be used
6. Teacher give a text for every students.
7. All of the students should read the text and comprehend it.
8. Teacher guide the students to comprehend the information from the text.
9. The students make a summary about the text individually
c. Closing
10. Teacher asks students about the difficulty of material
11. Teacher gives opportunity to students for asking question
12. Teacher answer the question from students
13. The teacher makes conclusion of the material
14. Teacher reminds the students to do self-study at home
15. Teacher close the learning process

## XVII Source/tool/media

Source : text from the internet
Media : Internet, Whatsapp.

## XVIII Evaluation

a. Technique : Written
b. Form of instrument : Multiple Choices
c. Example of instrument : Choose the best answer by crossing (x) a,b,c, or d!
d. Direction of evaluation:

1. Every correct answer : 10
2. Maximum scores : 100

$$
\mathrm{X}=\frac{\Sigma X}{N} \times 100
$$

Where :
$\mathrm{X}=$ The mean of students' score
$\Sigma \mathrm{x}=$ The total score
$\mathrm{N}=$ The number of the students

Lhokseumawe, 13 Agustus 2020

English Teacher


NurulHapsah, S. Pd., M. Ed.
NIP. 197104211997022003

The Researcher


RaisaAinaa
NIM. 0304162078

## APPENDIX 3

## Pre-Test

## The text above is for the questions number $1 \mathbf{- 1 0}$.

Throughout history, people have been victim of pickpockets. Today, pick pocketing is the one of the most rapidly increasing crimes. Pickpockets are increasing in number and developing better methods to practice their skill. Approximately one million Americans lose money to pickpockets every year and none is really safe from a skilled pickpockets. If there are some victims can be be found, they will be called as rich or poor, young or old.

During the eighteenth century, pickpockets were hanged in england, large crowds of people would gather watch the hanging, which was supposed to be a warning to other pickpockets. However, in time the practice was discontinued. The reason was if people were attentively watching the hanging of a pickpockets, other pickpockets would skillfully stole the money of spectators.

Police official say that the most efficient pickpockets come from south america. Many of these expert pickpockets are trained in special school called 'jingle bell schools’. A pickpocket's graduate from J.B.S when he is able to steal a wallet from a dresses dummy that has bells inside its pockets.

Even the most well dressed, respectable person may be a pickpocket. If the pickpockets had to choose a place for their forbidden duty, there would have been banks, airports, racetrack, supermarkets, elevators and train and bus station. Oftentimes, a pickpocket will work with another pickpockets as his partner. Another kind of pickpockets works outside or inside bars and specialize in stealing from women is called a 'purse snatcher'.

To avoid being the victim of a pickpocket, it's important to be very cautious and alert when in the midst of large gathering of the people.

Read the text and answer the questions with a correct answer by choosing $\boldsymbol{a}, \boldsymbol{b}, \boldsymbol{c}$, or d.

1. The best title for the passage would be:
A) Pickpockets are well dressed
B) Jingle Bell Schools
C) Pickpockets
D) The hanging of pickpockets
2. Pick pocketing is ... crime (fill the blank)
A. a contemporary
B. a modern
C. an old
D. a temporary
3. What is the main idea of the second paragraph?
A. The pickpockets were hanged in England years ago
B. The hanging was for gaining some attention
C. The characteristics of pickpockets
D. England is the main area of Pickpockets
4. Where is the most efficient pickpockets come from?
A. England
B. South America
C. South Korea
D. Switzerland
5. What would happen if the execution for the pickpockets were succed ...
A. The number of pickpockets will increase
B. The number of pickpockets might had increased
C. The number of pickpockets would not increase
D. The number of pickpockets would increase
6. The passage mentions that pickpockets steal in/from the following, except.
A. The shops
B. Crowded places
C. Women
D. Drunkards
7. If the citizen had cautious and alert at every crowded places, ...
(Continue the sentence)
A. They would not have avoided being victims of those pickpockets
B. They will have avoided being victims of those pickpockets
C. They would have avoided being victims of those pickpockets
D. They will avoid being victims of those pickpockets
8. The hanging of pickpockets was not continued because:
A. They were large crowd of people
B. It was against humanity
C. The police were not at the hanging
D. It was not effective to stop pick pocketing
9. What is the meaning of "purse snatcher"?
A. Someone who's specialist in stealing from women
B. Someone who's specialist in gathering people
C. Someone who works inside or outside the bars
D. Someone who hanging the pickpockets
10. How is the terms for every pickpocket to graduate from Jingle Bellls School?
A. The victim should be more than 100 persons
B. The forbidden duty should be on a crowded place
C. They should steal a wallet from dresses dummy that has bells inside the victim's pocket
D. They should steal dresses from women

## Post-Test

## The text above is for the questions number $1 \mathbf{- 1 0}$.

Throughout history, people have been victim of pickpockets. Today, pick pocketing is the one of the most rapidly increasing crimes. Pickpockets are increasing in number and developing better methods to practice their skill. Approximately one million Americans lose money to pickpockets every year and none is really safe from a skilled pickpockets. If there are some victims can be be found, they will be called as rich or poor, young or old.

During the eighteenth century, pickpockets were hanged in england, large crowds of people would gather watch the hanging, which was supposed to be a warning to other pickpockets. However, in time the practice was discontinued. The reason was if people were attentively watching the hanging of a pickpockets, other pickpockets would skillfully stole the money of spectators.

Police official say that the most efficient pickpockets come from south america. Many of these expert pickpockets are trained in special school called 'jingle bell schools'. A pickpocket's graduate from J.B.S when he is able to steal a wallet from a dresses dummy that has bells inside its pockets.

Even the most well dressed, respectable person may be a pickpocket. If the pickpockets had to choose a place for their forbidden duty, there would have been banks, airports, racetrack, supermarkets, elevators and train and bus station. Oftentimes, a pickpocket will work with another pickpockets as his partner. Another kind of pickpockets works outside or inside bars and specialize in stealing from women is called a 'purse snatcher'.

To avoid being the victim of a pickpocket, it's important to be very cautious and alert when in the midst of large gathering of the people.

Read the text and answer the questions with a correct answer by choosing $\boldsymbol{a}, \boldsymbol{b}, \boldsymbol{c}$, ord.

1. The best title for the passage would be:
A) Pickpockets are well dressed
B) Jingle Bell Schools
C) Pickpockets
D) The hanging of pickpockets
2. Pick pocketing is ... crime (fill the blank)
A. a contemporary
B. a modern
C. an old
D. a temporary
3. What is the main idea of the second paragraph?
A. The pickpockets were hanged in England years ago
B. The hanging was for gaining some attention
C. The characteristics of pickpockets
D. England is the main area of Pickpockets
4. Where is the most efficient pickpockets come from?
A. England
B. South America
C. South Korea
D. Switzerland
5. What would happen if the execution for the pickpockets were succed ...
A. The number of pickpockets will increase
B. The number of pickpockets might had increased
C. The number of pickpockets would not increase
D. The number of pickpockets would increase
6. The passage mentions that pickpockets steal in/from the following, except.
A. The shops
B. Crowded places
C. Women
D. Drunkards
7. If the citizen had cautious and alert at every crowded places, ...
(Continue the sentence)
A. They would not have avoided being victims of those pickpockets
B. They will have avoided being victims of those pickpockets
C. They would have avoided being victims of those pickpockets
D. They will avoid being victims of those pickpockets
8. The hanging of pickpockets was not continued because:
A. They were large crowd of people
B. It was against humanity
C. The police were not at the hanging
D. It was not effective to stop pick pocketing
9. What is the meaning of "purse snatcher"?
A. Someone who's specialist in stealing from women
B. Someone who's specialist in gathering people
C. Someone who works inside or outside the bars
D. Someone who hanging the pickpockets
10. How is the terms for every pickpocket to graduate from Jingle Bellls School?
A. The victim should be more than 100 persons
B. The forbidden duty should be on a crowded place
C. They should steal a wallet from dresses dummy that has bells inside the victim's pocket
D. They should steal dresses from women

## KEY ANSWER FOR PRE-TEST

1. B
2. C
3. C
4. D
5. $\mathbf{A}$
6. D
7. B
8. $\mathbf{A}$
9. C
10. C

## KEY ANSWER FOR POST TEST

1. B
2. C
3. C
4. D
5. $\mathbf{A}$
6. D
7. B
8. $\mathbf{A}$
9. C
10. C

## APPENDIX 4

List of the Students' Name in Experimental Class

| No | The Students' name | Initial Name |
| ---: | :--- | ---: |
| 1 | ARINIL HAQ | AH |
| 2 | BINTANG KEJORA CAHAYA SUKMA | BKCS |
| 3 | BURHANUDDIN | B |
| 4 | CUT AULIANA AGMA | CAA |
| 5 | DANYA KHALILA SALSABILA | DKS |
| 6 | DWI SURYA NINGSIH | DSN |
| 7 | FADLUL HAIKAL | FH |
| 8 | FARHAN AKBAR | FA |
| 9 | INDAH LARASSATI | IL |
| 10 | LAILY NURAIDA | LN |
| 11 | MUHAMMAD ALFIZAR | MA |
| 12 | MUHAMMAD BAGINDA KAMAL | MBK |
| 13 | MUHAMMAD HAECHAL | MH |
| 14 | MUHAMMAD SAFRIZAL | MS |
| 15 | MUTMAINNAH | MT |
| 16 | NAFIZHAH ADILAH SIMBOLON | NAS |
| 17 | PUTRI MUSHANNA | PM |
| 18 | RAISA MISYKA | RM |
| 19 | RINA HUMAIRA | RH |
| 20 | ROZATUL JANNAH | RJ |
| 21 | SALBILLA AZRA | SA |
| 22 | SELJA NURSARI | SN |
| 23 | SISKA RINA WATI | SRW |
| 24 | SITI RAHIL | SR |
| 25 | TAMARA ZULKARNAEN | TZ |
| 26 | TEUKU FEBRYAN TAZRIN | TFT |
| 27 | WAHYU SYAMSUDIN | WSY |
| 28 | WENY SILVANY | WSI |
| 29 | ZIKRA AMALIA | ZAS |
| 30 | CUT NURUL SYIFA |  |

List of the Students' Name in Control Class

| No | The Students' name | Initial Name |
| ---: | :--- | :--- |
| 1 | AHLUL IPDANA FIKRI | AIF |
| 2 | ATHAYA ATHALIA | AA |
| 3 | AZRA ARZAHRI USFA | AAU |
| 4 | AZZUHRA SABINA | AS |
| 5 | BAYU KRISNA | CFM |
| 6 | CUT FIDYA MAULINA | CMAA |
| 7 | CUT MIA AMANDA AMALIA | CNMS |
| 8 | CUT NATASYA MAIRIVA SYAKILLA | DAF |
| 9 | DARA AUDRINA FEUNNA | DF |
| 10 | DAVID FADLIANDA | DM |
| 11 | DAVID RESKY ALEXANDRO SIREGAR | DRAS |
| 12 | DEFRI MUSLIMAR | DF |
| 13 | DHABITAH FADHILAH | MIN |
| 14 | MELLYA INDRA NUR | MA |
| 15 | MIRA ALIYANI | MAAK |
| 16 | MUHAMMAD FARRAS AL - KHAIRY | NM |
| 17 | NIZEIYATUL MUNA | PAMS |
| 18 | POCUT AUDI MAHESA SRIKANDI | PWD |
| 19 | PUJI WULAN DARI | QA |
| 20 | QANITA ALICIA | RAZ |
| 21 | RAZUL ALFAN ZIKRI | SAS |
| 22 | SAID AGUS SETIAWAN | SF |
| 23 | SALSA FADHILLA | S |
| 24 | SALSABILA | SANST |
| 25 | SATRIA ARDIANSYAH NST | SAP |
| 26 | SELA AMANDA PUTRI | TAB |
| 27 | SYARIFAH RAIQAH SALSABILA |  |
| 28 | TEUKU AIDIL BAYHAQI | ADA |
| 29 | AGUSTI DWI ANDINI |  |
|  |  |  |

## APPENDIX 5

The Students' Score on Experimental Class

| No | The Students' name | Initial <br> Name | Pre-test | Post- <br> Test |
| ---: | :--- | ---: | ---: | ---: |
| 1 | ARINIL HAQ | AH | 40 | 70 |
| 2 | BINTANG KEJORA CAHAYA <br> SUKMA | BKCS | 20 | 50 |
| 3 | BURHANUDDIN | B | 20 | 60 |
| 4 | CUT AULIANA AGMA | CAA | 70 | 90 |
| 5 | DANYA KHALILA SALSABILA | DKS | 70 | 80 |
| 6 | DWI SURYA NINGSIH | DSN | 30 | 70 |
| 7 | FADLUL HAIKAL | FH | 60 | 80 |
| 8 | FARHAN AKBAR | FA | 50 | 60 |
| 9 | INDAH LARASSATI | IL | 50 | 80 |
| 10 | LAILY NURAIDA | LN | 50 | 80 |
| 11 | MUHAMMAD ALFIZAR | MA | 50 | 90 |
| 12 | MUHAMMAD BAGINDA KAMAL | MBK | 40 | 70 |
| 13 | MUHAMMAD HAECHAL | MH | 50 | 100 |
| 14 | MUHAMMAD SAFRIZAL | MS | 60 | 70 |
| 15 | MUTMAINNAH | MT | 70 | 80 |
| 16 | NAFIZHAH ADILAH SIMBOLON | NAS | 70 | 80 |
| 17 | PUTRI MUSHANNA | PM | 60 | 90 |
| 18 | RAISA MISYKA | RM | 90 | 90 |
| 19 | RINA HUMAIRA | RH | 90 | 100 |
| 20 | ROZATUL JANNAH | RJ | 90 | 100 |
| 21 | SALBILLA AZRA | SA | 70 | 100 |
| 22 | SELJA NURSARI | SN | 60 | 100 |
| 23 | SISKA RINA WATI | SRW | 70 | 90 |
| 24 | SITI RAHIL | SR | 50 | 80 |
| 25 | TAMARA ZULKARNAEN | TZ | 60 | 90 |
| 26 | TEUKU FEBRYAN TAZRIN | TFT | 60 | 80 |
| 27 | WAHYU SYAMSUDIN | WSY | 70 | 80 |
| 28 | WENY SILVANY | WSI | 80 | 90 |
| 29 | ZIKRA AMALIA | ZA | 50 | 70 |
| 30 | CUT NURUL SYIFA | CNS | 70 | 90 |
|  |  |  | 1770 | 2460 |
|  |  |  | 59 | 82 |

## APPENDIX 6

The Students' Score on Control Class

| No | The Students' name | Initial <br> Name | Pre-test | Post- <br> Test |
| :---: | :---: | :---: | :---: | :---: |
| 1 | AHLUL IPDANA FIKRI | AIF | 80 | 100 |
| 2 | ATHAYA ATHALIA | AA | 90 | 90 |
| 3 | AZRA ARZAHRI USFA | AAU | 50 | 50 |
| 4 | AZZUHRA SABINA | AS | 90 | 90 |
| 5 | BAYU KRISNA | BK | 50 | 60 |
| 6 | CUT FIDYA MAULINA | CFM | 80 | 80 |
| 7 | CUT MIA AMANDA AMALIA | CMAA | 50 | 100 |
| 8 | CUT NATASYA MAIRIVA SYAKILLA | CNMS | 80 | 80 |
| 9 | DARA AUDRINA FEUNNA | DAF | 50 | 100 |
| 10 | DAVID FADLIANDA | DF | 100 | 100 |
| 11 | DAVID RESKY ALEXANDRO SIREGAR | DRAS | 70 | 70 |
| 12 | DEFRI MUSLIMAR | DM | 60 | 80 |
| 13 | DHABITAH FADHILAH | DF | 60 | 60 |
| 14 | MELLYA INDRA NUR | MIN | 80 | 80 |
| 15 | MIRA ALIYANI | MA | 80 | 80 |
| 16 | MUHAMMAD FARRAS AL KHAIRY | MAAK | 60 | 100 |
| 17 | NIZEIYATUL MUNA | NM | 70 | 100 |
| 18 | POCUT AUDI MAHESA SRIKANDI | PAMS | 70 | 100 |
| 19 | PUJI WULAN DARI | PWD | 70 | 70 |
| 20 | QANITA ALICIA | QA | 70 | 100 |
| 21 | RAZUL ALFAN ZIKRI | RAZ | 30 | 30 |
| 22 | SAID AGUS SETIAWAN | SAS | 20 | 20 |
| 23 | SALSA FADHILLA | SF | 90 | 90 |
| 24 | SALSABILA | S | 80 | 80 |
| 25 | SATRIA ARDIANSYAH NST | SANST | 30 | 30 |
| 26 | SELA AMANDA PUTRI | SAP | 70 | 100 |
| 27 | SYARIFAH RAIQAH SALSABILA | SRS | 70 | 100 |
| 28 | TEUKU AIDIL BAYHAQI | TAB | 50 | 100 |
| 29 | AGUSTI DWI ANDINI | ADA | 70 | 90 |
|  |  |  | 1929 | 2330 |
|  |  | MEAN | 66.51 | 80.34 |

## APPENDIX 7

The Students' Score on Experimental Class From the lowest to the Highest

## A. Pre test score

| No | Name | Score |
| :--- | :--- | :--- |
| 1. | Burhannudin | 20 |
| 2. | Bintang Kejora Cahaya Sukma | 20 |
| 3. | Dwi Surya Ningsih | 30 |
| 4. | Arinil Haq | 40 |
| 5. | Muhammad Baginda Kamal | 40 |
| 6. | Farhan Akbar | 50 |
| 7. | Indah Larassati | 50 |
| 8. | Laily Nuraida | 50 |
| 9. | Muhammad Alfizar | 50 |
| 10. | Muhammad Haechal | 50 |
| 11. | Siti Rahil | 50 |
| 12. | Zikra Amalia | 50 |
| 13. | Fadlul Haikal | 60 |
| 14. | Muhammad Safrizal | 60 |
| 15. | Putri Mushanna | 60 |
| 16. | Selja Nursari | 60 |
| 17. | Teuku Febryan Tazrin | 60 |
| 18. | Tamara Zulkarnaen | 60 |
| 19. | Cut Auliana Agma | 70 |
| 20. | Cut Nurul Syifa | 70 |
| 21. | Danya Khalila Salsabila | 70 |
| 22. | Mutmainnah | 70 |
| 23. | Nafizhah Adilah Simbolon | 70 |
| 24. | Salsabila Azra | 70 |
| 25. | Siska Rina Wati | 70 |
| 26. | Wahyu Syamsudin | 70 |
| 27. | Weny Silvany | 80 |
|  |  |  |


| 28. | Rina Humaira | 90 |
| :---: | :--- | :--- |
| 29. | Rozatul Jannah | 90 |
| 30. | Raisa Misyka | 90 |

## B. Post test score

| No | Name | Score |
| :--- | :--- | ---: |
| 1. | Bintang Kejora Cahaya Sukma | 50 |
| 2. | Burhannudin | 60 |
| 3. | Fadlul Haikal | 60 |
| 4. | Arinil Haq | 70 |
| 5. | Danya Khalila Salsabila | 70 |
| 6. | Muhammad Alfizar | 70 |
| 7. | Muhammad Haechal | 70 |
| 8. | Weny Silvany | 70 |
| 9. | Cut Nurul Syifa | 80 |
| 10. | Dwi Surya Ningsih | 80 |
| 11. | Farhan Akbar | 80 |
| 12. | Indah Larassati | 80 |
| 13. | Muhammad Safrizal | 80 |
| 14. | Mutmainnah | 80 |
| 15. | Siska Rina Wati | 80 |
| 16. | Tamara Zulkarnaen | 80 |
| 17. | Teuku Febryan Tazrin | 80 |
| 18. | Cut Auliana Agma | 90 |
| 19. | Laily Nuraida | 90 |
| 20. | Nafizhah Adilah Simbolon | 90 |
| 21. | Putri Mushanna | 90 |
| 22. | Selja Nursari | 90 |
| 23. | Siti Rahil | 90 |
| 24. | Wahyu Syamsudin | 90 |
| 25. | Zikra Amalia | 100 |
| 26. | Muhammad Baginda Kamal |  |
|  |  | 90 |


| 27. | Raisa Misyka | 100 |
| :---: | :--- | :---: |
| 28. | Rina Humaira | 100 |
| 29. | Rozatul Jannah | 100 |
| 30. | Salsabila Azra | 100 |

## APPENDIX 8

The Students' Score on Control Class

## From the lowest to the Highest

A. Pre test score

| No | Name | Score |
| :--- | :--- | ---: |
| 1. | SAID AGUS SETIAWAN | 20 |
| 2. | RAZUL ALFAN ZIKRI | 30 |
| 3. | SATRIA ARDIANSYAH NST | 30 |
| 4. | AZRA ARZAHRI USFA | 50 |
| 5. | BAYU KRISNA | 50 |
| 6. | CUT MIA AMANDA AMALIA | 50 |
| 7. | DARA AUDRINA FEUNNA | 50 |
| 8. | TEUKU AIDIL BAYHAQI | 50 |
| 9. | DEFRI MUSLIMAR | 60 |
| 10. | DHABITAH FADHILAH | 60 |
| 11. | MUHAMMAD FARRAS AL - KHAIRY | 60 |
| 12. | DAVID RESKY ALEXANDRO SIREGAR | 70 |
| 13. | NIZEIYATUL MUNA | 70 |
| 14. | POCUT AUDI MAHESA SRIKANDI | 70 |
| 15. | PUJI WULAN DARI | 70 |
| 16. | QANITA ALICIA | 70 |
| 17. | SELA AMANDA PUTRI | 70 |
| 18. | SYARIFAH RAIQAH SALSABILA | 70 |
| 19. | AGUSTI DWI ANDINI | 70 |
| 20. | AHLUL IPDANA FIKRI | 80 |
| 21. | CUT FIDYA MAULINA | 80 |
| 22. | CUT NATASYA MAIRIVA SYAKILLA | 80 |
| 23. | MIRA ALIYANI | 80 |
| 24. | SALSABILA | 80 |
| 25. | MELLYA INDRA NUR | 90 |
| 26. | ATHAYA ATHALIA | 90 |
| 27. | AZZUHRA SABINA |  |
|  |  | 70 |


| 28. | SALSA FADHILLA | 90 |
| ---: | :--- | ---: |
| 29. | DAVID FADLIANDA | 100 |

B. Post test score

| No | Name | Score |
| :--- | :--- | ---: |
| 1. | SAID AGUS SETIAWAN | 20 |
| 2. | RAZUL ALFAN ZIKRI | 30 |
| 3. | SATRIA ARDIANSYAH NST | 30 |
| 4. | AZRA ARZAHRI USFA | 50 |
| 5. | BAYU KRISNA | 60 |
| 6. | DHABITAH FADHILAH | 60 |
| 7. | DAVID RESKY ALEXANDRO SIREGAR | 70 |
| 8. | PUJI WULAN DARI | 70 |
| 9. | CUT FIDYA MAULINA | 80 |
| 10. | CUT NATASYA MAIRIVA SYAKILLA | 80 |
| 11. | DEFRI MUSLIMAR | 80 |
| 12. | MELLYA INDRA NUR | 80 |
| 13. | MIRA ALIYANI | 80 |
| 14. | SALSABILA | 80 |
| 15. | ATHAYA ATHALIA | 90 |
| 16. | AZZUHRA SABINA | 90 |
| 17. | SALSA FADHILLA | 90 |
| 18. | AGUSTI DWI ANDINI | 90 |
| 19. | AHLUL IPDANA FIKRI | 100 |
| 20. | CUT MIA AMANDA AMALIA | 100 |
| 21. | DARA AUDRINA FEUNNA | 100 |
| 22. | DAVID FADLIANDA | 100 |
| 23. | MUHAMMAD FARRAS AL - KHAIRY | 100 |
| 24. | NIZEIYATUL MUNA | 100 |
| 25. | POCUT AUDI MAHESA SRIKANDI | 100 |
| 26. | QANITA ALICIA | 100 |
| 27. | SELA AMANDA PUTRI | 100 |
|  |  |  |


| 28. | SYARIFAH RAIQAH SALSABILA | 100 |
| :--- | :--- | :--- |
| 29. | TEUKU AIDIL BAYHAQI | 100 |

## APPENDIX 9

## Reability Table Test

| No. | Initial | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Xtotal | $\mathbf{X t ~}^{\mathbf{2}}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1. | AH | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 7 | 49 |
| 2. | BKCS | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 5 | 25 |
| 3. | B | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 7 | 49 |
| 4. | CAA | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | 100 |
| 5. | DKS | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 8 | 64 |
| 6. | DSN | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 7 | 49 |
| 7. | FH | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 8 | 64 |
| 8. | FA | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 6 | 36 |
| 9. | IL | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 8 | 64 |
|  | LN | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 8 | 64 |
| 11 |  | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 9 | 81 |
| 12 | MBK | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 5 | 25 |
|  | MH | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | 100 |
|  | MS | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 7 | 49 |
|  | MT | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 8 | 64 |
|  | NAS | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 8 | 64 |
|  | PM | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 9 | 81 |
|  | RM | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 9 | 81 |
| 19 | RH | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | 100 |
|  | RJ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | 100 |
| 21 | SA | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | 100 |
| 22 | SN | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | 100 |
|  | SRW | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 9 | 81 |
| 24 | SR | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 8 | 64 |
|  | TZ | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 9 | 81 |
|  | TFT | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 8 | 64 |
| 27 | WSY | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 8 | 64 |
| 28 | WSI | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 9 | 81 |
|  | ZA | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 7 | 49 |
|  | CNS | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 9 | 81 |
|  | AIF | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | 100 |
|  | AA | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 9 | 81 |
| 33 | AAU | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 5 | 25 |
|  | AS | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 9 | 81 |
|  | BK | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 6 | 36 |
|  | CFM | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 8 | 64 |
|  | CMAA | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | 100 |
| 38 | CNMS | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 8 | 64 |
| 39 | DAF | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | 100 |
|  | DF | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | 100 |
|  | DRAS | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 7 | 49 |


| 42. DM | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 8 | 64 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 43. DF | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 6 | 36 |
| 44. MIN | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 8 | 64 |
| 45. MA | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 8 | 64 |
| 46. MAAK | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | 100 |
| 47. NM | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | 100 |
| 48. PAMS | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | 100 |
| 49. PWD | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 7 | 49 |
| 50. QA | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | 100 |
| 51. RAZ | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 9 |
| 52. SAS | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 3 | 9 |
| 53. SF | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 9 | 81 |
| 54. S | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 8 | 64 |
| 55. SANST | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 3 | 9 |
| 56. SAP | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | 100 |
| 57. SRS | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | 100 |
| 58. TAB | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | 100 |
| 59. ADA | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 9 | 81 |
|  | total |  |  |  |  |  |  |  |  |  |  | 480 |
| mean |  |  |  |  |  |  |  |  |  |  | 8104 |  |

## APPENDIX 10

## Research Response Letter



Sehubungan dengan Surat Kementrian Agama Republik Indonesia Universitas Islam Negeri Sumatera Utara Medan Nomor: B-9462/ITK/TTK.V.3/PP.00.9/08/2020 tanggal 11 Agustus 2020, Perihal : Izin Penelitian, maka dengan ini Kepala SMA Negeri 1 Lhokseumawe, menerangkan bahwa

| N a m a | RAISA AINAA |
| :--- | :--- |
| NIM | $: 0304162078$ |
| Tempat / Tgl. Lahir | $:$ Jakarta, 23 Mei 1998 |
| Program Studi | $:$ Pendidikan Bahasa Inggris |
| Semester | VIII (Delapan) |
| Al a m a t | Medan |

Telah mengadakan Penelitian Skripsi yang berjudul : The Effect of Reciprocal Teaching Strategy towards the Students' Reading Comprehension. di SMA Negeri 1 Lhokseumawe, terhitung mulai tgl. 18 Agustus s.d 2 September 2020

Demikianlah Surat Keterangan ini kami keluarkan untuk dapat dipergunakan seperlunya.

Lhokseumawe, 2 September 2020


## APPENDIX 11

## DOCUMENTATION

## 1. pictures

## Group 3 of the Experimental Class


A. The pictures above showing that the students were creating a video. They were discussing about the text in a group as their own role in applying reciprocal teaching strategy.

## Control class


B. The picture shows that the students discuss about the text individually


C. The picture above shows how the class running on Google classroom, therefore not all of the students able to do it because of the internet problems.

D. The researcher took picture together with the English teacher at the teachers' room.

## APPENDIX 12



## RAISA AINAA

ENGLISH EDUCATION COLLEGE STUDENT AT ISLAMIC STATE UNIVERSITY OF NORTH SUMATERA

PERSONAL PROFILE
A 22-year-old girl who loves English language very much as someone who will be a teacher, may she learn well to make the education greater than before

AREAS OF EXPERTISE

- English language
- Translator from English to

Indonesia or indonesia to
English language

BIODATA

## Place of birth : JAKARTA Date of birth : May 23rd 1998 BLOOD TYPE : A Nationality : INDONESIA

| GET IN CONTACT | EDUCATION HISTORY | OTHER SKILLS |
| :--- | :--- | :--- |
| mobile: | -SDN 21 BIREUEN | - The ability to operate |
| +6287837437747 | -SMP BRIGJEN KATAMSO | ms. Word a ms. Excel <br> Email: |
| raisaainaa@gmail.com | -SMA SWASTA AL FITYAN | cook <br> co |
| Medan- Ind to besia | SCHOOL MEDAN | - Excellent problem solve |
|  | -STATE ISLAMIC UNIVERSITY |  |


[^0]:    ${ }^{1}$ Derliana Marbun, Reading on Purpose, (Medan, 2014), p. 4
    ${ }^{2}$ Khoriyah, Reading 1,(Kediri: University Press, 2010), p. 2.

[^1]:    ${ }^{3}$ Ratnaningsih, Scientific approach of 2013 curriculum: Teachers' implementation in English language teaching, English Review: Journal of English Education, 6(1), 33-40, 2017, p. 33.
    ${ }^{4}$ Salehi \&Vafakhah S, A Comparative Study of Reciprocal Teaching Only (RTO) and Explicit Teaching of Strategies before Reciprocal Teaching (ET-RT) On Reading Comprehension of EFL Learners, Australian Journal of Basic and Applied Sciences, 7(2). 148-155, 2013, p. 148.

[^2]:    ${ }^{5}$ Perkins, D. Constructivism and troublesome knowledge. Overcoming barriers to student understanding: Threshold concepts and troublesome knowledge, 33-47, 2006, p. 37.
    ${ }^{6}$ Green, F (2011) What is Skill? An Inter-Disciplinary Synthesis published by the Centre for Learning and Life Chances in Knowledge Economies and Societies at: http://www.llakes.org, p. 4. ${ }^{7}$ Felstead, Putting skills in their place: the regional pattern of work skills in late twentieth century Britainin Evans, K, Hodkinson, and Unwin, L (ed.) Working to Learn: Transforming Learning and the Workplace, (London: Kogan, 2002), p. 76.

[^3]:    ${ }^{8}$ Tim Penerjemah Al-Qur'an Terjemah Indonesia Inggris, Al-Qur'an Terjemah Indonesia Inggris. (Solo; Al-Qur'an Qamari, 2008), p. 1304.
    ${ }^{9}$ ResiAulianiUlfa, The Implementation Of Trading Place Strategy to Improve the Students'Ability in Reading Comprehension of Narrative Text at Ninth Grade MTSN Tanah Jawa. (Faculty of Tarbiyah and Teachers' Training: UINSU, 2018), p. 19.
    ${ }^{10}$ David Nunan,Practical English Language Teaching.(New York: Mc Graw Hill, 2003), p. 19.
    ${ }^{11}$ Ibid, p. 29.

[^4]:    15 Cooper, T. \&Greive, C,The Effectiveness of the Methods of Reciprocal Teaching,ResearchOnline@Avondale, 45-47, 2009, p, 45.

[^5]:    ${ }^{16}$ Vassiliou, Teaching Reading in Europe: Contexts, Policies and Practices, (Brussels: Avenue du Bourget,2011), p. 37.
    ${ }^{17}$ Palincsar, A. S., \& Brown, A. (1984). Reciprocal teaching of comprehension-fostering and comprehension-monitoring activities. Cognition and Instructions, 1(2), 117-175, p.123.
    ${ }^{18}$ Alton-Lee, Westera J, Pulegatoa-Diggins, Quality Teaching for Diverse Students in Schooling: Best Evidence Synthesis, (New Zealand: BES, 2003), p. 52.

[^6]:    ${ }^{19}$ Doolitle, P. E., Hicks, D., Triplett, C. S., Nichols, W.D., \& Young, C. A. Reciprocal Teaching for ReadingComprehension in Higher Education: A Strategy for Fostering the Deeper Understanding of Texts. International Journal of Teaching and Learning in Higher Education, 17 (2), 106-118, 2006, p. 107.
    ${ }^{20}$ Omari, H. A., Weshah H. A, Using the Reciprocal Teaching Method by Teachers at Jordanian Schools". In: European Journal of Social Sciences, 15 (1), 2010, p. 27.
    ${ }^{21}$ Ibid, p. 27.

[^7]:    ${ }^{22}$ Richards Jack and Raymond Renandya, Methodology in Language Teaching: An Anthology of Current Practice. (Cambridge: Cambridge University Press,2002), p. 277.

[^8]:    ${ }^{23}$ Yawisah, Reciprocal Teaching: One of the Methods for Poor Comprehenders, Pedagogy, 1 (1), 22-28, 2013, p. 28.
    ${ }^{24}$ Ibid, p. 28.

[^9]:    ${ }^{25}$ Salim \& Syahrum, Metodologi Penelitian, (Bandung: CiptaPustaka Media, 2016), P.16.
    ${ }^{26}$ Donald Ary, Introduction to Research in Education, (USA: Wadsworth, 2010), p. 301.

[^10]:    ${ }^{27}$ Ibid, p. 215.

[^11]:    ${ }^{28}$ Ibid,. 148.
    ${ }^{29}$ Creswell, J.W, Research design: Qualitative, quantitative and mixed methods approaches. (3rd edn.). Thousand Oaks, (CA: Sage, 2009), p. 152.

[^12]:    ${ }^{30}$ Nata Wirawan, Cara Mudah Memahami Statistika, (Denpasar: Keraras emas, 2016), p. 77.
    ${ }^{31}$ Anas Sudijono, Pengantar Statistic Pendidikan, (Jakarta: Raja GrafindoPersada, 2011), p. 314.

[^13]:    ${ }^{32}$ Indra Jaya, Penerapan Statistik Untuk Pendidikan, Bandung: Cita pustaka Media Perintis, 2013, p. 253.

[^14]:    ${ }^{33}$ Sudjana, Metode Statistika, Bandung: Tarsito Bandung, 2009, p. 14.

