THE EFFECT OF USING FEYNMAN METHOD ON STUDENTS' READING COMPREHENSION AT ELEVENTH GRADE OF SMKN 2 KEDIRI IN ACADEMIC YEAR 2021/2022

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Presented as a Partial Fulfillment of the Requirement the

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By :

IQBAL AGAM ALFAREZA

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APPROVAL PAGE

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Approved by the Advisors to be proposed to English Language Education Examination
Committee of University of Nusantara PGRI Kediri

Kediri,

First Advisor

Khoiriyah, M.Pd

NIDN. 0719017501

Second Advisor

Mahendra Puji Permana Aji, M.Pd

NIDN. 0710049002

APPROVAL SHEET

SKRIPSI

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Approved and Accepted by all its qualification by the Examination Commitee of University
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Kediri,

Board of Examiners,

Commite examiner:

Chairman   : Khoiriyah, S.Pd., M.Pd

First examiner   : Agung Wicaksono, M.Pd

Second examiner : Mahendra Puji Permana Aji, M.Pd

The Dean of the Faculty of Teacher
Training and Education University
of Nusantara PGRI Kediri

Dr. Mumun Nurmilawati, M.Pd
NIP 19680906 1994 032001

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STATEMENT OF WRITING ORIGINALITY

The undersigned below, I:

Name	: Iqbal Agam Alfareza
Sex	: Male
Place/Date of Birth	: Kediri, September12th, 1997
NPM	: 18.1.01.08.0042
Fac/Dep	: FKIP/S1 English Education Department

1. The Skripsi is never collected to any institute of higher education for any academic degree.
2. The Skripsi is totally independent of my work and not the result of plagiarism from the work of others.

Kediri,

d by:

Iqbal Agam Alfareza

NPM: 18.1.01.08.0042

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MOTTO AND DEDICATION

MOTO

- DO THE BEST AND PRAY. GOD WILL TAKE CARE OF THE REST.
- STOP DREAMING AND START DOING.
- THERE IS NO LIMIT OF STRUGGLING.
- STOP UNDERESTIMATING YOURSELF.

DEDICATION

- My beloved parents who give me support, love and pray alltime for me to be successful person.
- To myself, thank you for being strong, great and hardworking. You deserve all of this
- My beloved friends who always support me(ABK crew).

ABSTRACT

Iqbal Agam Alfareza: The Effect of Using Feynman Method on Students' Reading Comprehension At Eleventh Grade Student of SMKN 2 Kediri, Skripsi, English Department, The Faculty of Teacher Training and Education, Nusantara PGRI Kediri University, 2022.

Reading is one of the receptive skills. Reading occurs in the process of identify form ,pronunciation,and meaning of words in the text.Reading is a tool of communication in written language through the texts form. In reading, many students get difficult in expect how to pronounce the words but they do not really understand what the meaning of the sentence because they are lack of vocabulary.They only translated the difficult words one by one using the dictionary. It is not effective because it spent a lot of time. They also had difficulty in interpreting a text. Then, it made the lazy to read a long text. Considering that in this pandemic period, their study time at school is very short, therefore students need new and interesting things to keep learning to read. The solution, educators are required to design learning media as innovations by utilizing online media, one of the methods that can be applied in teaching reading comprehension is Feynman Method, Feynman Method can create an enjoyable learning condition by helping the students activate their background knowledge before reading and evaluate their comprehension after reading. The aims of this research are to know students' reading comprehension before and after being taught using Feynman Method, and to know whether there is any significant effect of using Feynman Method to the students of SMKN 2 Kediri in Academic Year 2021/2022.

The approach of this research is quantitative research while the technique is using quasy experimental with two class experimental and control class. This research was conducted at SMKN 2 Kediri. The subject of this research is second grade students, the population of the research consists of 684 students and The researcher took two class that is eleventh grade especially for XI AKL 1 class as control class,with total 36 students contain 5 boys and 29 girls and for XI AKL 2 class as experimental class, with total 36 students contain 36 girls. The teachergave pretest before the treatment, then the teacher gave the posttest as the last treatment for the students. The treatment was conducted twice in order to know whether is an significant effect of using Feynman method in teaching reading comprehension. The data result got from students' score of pretest and posttest that analyzed using t-test formula. The researcher uses SPSS version 16.0.

The result of the data analysis shows that Feynman method has significant effect to the students reading comprehension at the eleventh grade of SMKN 2 Kediri .the result of the student's post-test score In experimental class the highest score was 90, meanwhile the highest score of control class was 75. For the average of experimental class was 76, 53 and control class was 61, 25. From theresult shows that the student's post-test score in the experimental class is higher than student's post-test score in the control class
. Then the result of analyzing the data also shows that Feynman method made students more active and interestedin reading. The students also think critically and easier in understanding text.

Keywords: Reading Comprehension, Feynman Method

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This skripsi entitle "The Effect of Quizizz Application on Students' Reading Comprehension of 1st Grade Student at SMAN 1 Kediri". The researcher realizes that this skripsi is far from perfect and has many weaknesses, thus she needs critic and suggestion better. Therefore, she would like to express her gratitude:

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TABLE OF CONTENT

CHAPTER 1

INTRODUCTION

In this chapter, the researcher discusses about some the subjects. Those are: a)background of the problem, b) identification of the problem, c) limitation of the problem, d) formulation of the problem, e) the purpose of research, f) the significance of the research and g) the definition of key term.

A. Background of the Study

Reading can contribute to students in increasing language success. The English language carried out in the framework that consisted of four basic language skills included listening, speaking, reading, and writing. Reading it self-contains activities to understand information in the text. By reading various materials, students could understand English well and get knowledge in writing from. Therefore by Cline,et al,. (2006:2), that reading is the process of deriving meaning from text. It means that students try to understand the researcher idea, meaning of text and think about what student read. Moreover, Nunan (2003:4), also explains that reading is a fluent process of readers combining information from a text and their own background knowledge to build the meaning. The process of reading does not only mean "reading" but try to make an interaction between reader and text. This is related to how readers can convey meaning through written symbols and processing them into their thoughts.

Therefore, reading involves skills recognition of type words to understand the researcher ideas or the way communication with readers use written text. Students who have good reading skills, they will have a better chance at reading

comprehension. Duke & Pearson (2001:423), explain that, reading comprehension is a process in which the reader constructs meaning using as the building materials their information on the printed page and the knowledge stored in the reader's head. It involves intentional thinking, during which meaning is constructed through interaction between text and reader. It means reading comprehension is the student ability to understand and get meaning from what has been read and written text. Student who have good ability in reading comprehension will be better understand than those who don't have good ability in reading comprehension.

In teaching reading comprehension, the teacher needs to lead the students in gaining any knowledge. Also, teach the students how to make them comprehend the text easily. Moreover, effective teachers of reading comprehension help their students develop into strategic, active readers, in part, by teaching them why, how, and when to apply certain strategies shown to be used by effective readers (e.g., Duke & Pearson, 2002). The student willbe capable to read in an appropriate speed, a silent way, and adequate understanding text.

In addition, based on observation during teaching practice in SMKN 2 Kediri, the researcher found that the student had difficulties in understand the text. For example, the student still confused the instruction from teacher, the student do not really understand what the meaning of the sentence because they are lack of vocabulary, they also did not know how to find main idea, especially in analyzing generic structure. They only translated the difficult word one by one using the dictionary. According to Mikulecky and Jeffries (2005:277), many students have trouble comprehending what they reading English text. Thus, this is become a challenge for researcher to come up with a solution to the problems experienced by students in understanding reading text.

In adittion, all countries are stricken by covid 19, Indonesia one of the countries thet many people died because of covid 19 and the government was deciding to stop all the activities in Indonesia. In this case, all the activities must be done at home especially student learning therefore the government gives the solution learning media as innovation by utilizing online media, every teachers has many ways to teach material such as by video learning is presented using chat group,others using information electronic media does not pay from multiple sources (Ashari, M. 2020) . in this case, the researcher make solution for learning to understand an English text during a pandemic using the Feynman method.

The researcher used Feynman Method in teaching reading because it can be effectively to help their reading comprehension. According to Yingna Zhao, Tiangui Miao, Jiayu Liu (2020:100) Relevant theory of Feynman learning method Feynman learning method is widely considered as "the strongest learning method in history", "global efficient learning method", "scientific and effective learning method", "ultimate learning method", etc. It is a way that teacher used to teach students at home with an application online learning. In the class the students just asking about what they do not understand on material. Next, teacher explained it clearly. Then they do the exercise by themselves. In short, the students learn first at home before asking to teacher and do the exercise. In addition, on the learner side, students have to have a high motivation and push to read the material at home just like they need motivation to read their textbooks and finish their homework.

In addition, ismail, Darmadi (2020) about The Application of mathematics Learning with Feynman Technique in Class X SMK PLUS SABILUR ROSYAD SIDOARJO. In their research, they focused on effectiveness of learning methods is influenced by the objective factors, student factors, situation factors, the teacher factor itself. Learning with Feynman technique becomes on of effective learning,

because it is able to provide an explanation of learning concept in a simply way by making students the center of learning.

So, based on the explanation above the researcher want to try uses technique as a way for teaching Reading which called Feynman Technique. it is hope to help the students learning in pandemic covid 19, because this reason, the writer conduct research entitled **"The Effect of Feynman Method On The Students reading Comprehension At Eleventh Grade of SMKN 2 KEDIRI"**

B. Identification of Problems

Based on the background of study above, there are many problems that can be identified. The problem in learning English online, especially in understand about the text reading comprehension because online learning very different than offline learning between teacher and student. Based on the background, in generally the student get difficulties in learning of English at all aspects because they are still lack of understanding read text being taught. The lack of understanding text is caused some factors are involved in this problem Student think that English is complicated,Student are not pay attention when teacher taught the materials,Some student are lazy to learn and read the material. To other factor students feel bored because the conditions are monotonous. thestudents are lazy to read they do not know how to learn to understand the text easily. In pandemic era, all the activities must be done at home. Teachers should make a teaching-learning process from home. The teachers must create the appropriate strategy to teach reading comprehension.

From the problem above, the teachers can use Feynman method to improve the students' reading comprehension. Students will become active readers because the material to be taught has been distributed before class starts,

it encourages students to come to class prepared. The students also engage with a lesson on theirown time, and away from school, absence need not detract from them learning the material. However, the strategy requires a lengthy and complicated process but if the teacher can apply appropriately so that nothing difficult for students to learn reading comprehension.

C.   Limitation of the Problems

Based on the explanation in the background of the study and identification of the problem, the researcher limits the problem into a specific which focuses on the effect of Feynman method to improve the students reading comprehension, the writer limits the problem Reading Comprehension at SMKN 2 Kediri and the writer choose second year class. The students have difficulties to understand the material when the teacher taught in online learning, the writer using Feynman technique to increase reading comprehension at SMKN 2 Kediri in Pandemic COVID-19.

D.   Formulation of the Problems

Based on the restriction of the issues over, the analyst defines inquire about issues as takes after, Research problem of the study formulate in the following question:

1. How is the students reading comprehension before being taught Using Feynman Method on The Students' Reading Comprehension at Eleventh Grade of SMKN 2 Kediri?

2. How is the students reading comprehension after being taught Using Feynman Method on The Students' Reading Comprehension at Eleventh Grade of SMKN 2 Kediri?

3. Is there any effect of Using Feynman Method on The Students Reading Comprehension at Eleventh Grade of SMKN 2 Kediri

E. The Purpose of Research

1 To know the result of students about material before using Feynman Method on The Students' Reading Comprehension at Eleventh Grade of SMKN 2.

2 To know the result of students about material after using Feynman Method on The Students' Reading Comprehension at Eleventh Grade of SMKN 2 Kediri.

3 To find out whether there is any effect of using Feynman Method on The Students' Reading Comprehension at Eleventh Grade of SMKN 2 Kediri.

F. Significance of the Study

Hopefully, the result of this research will be very important for the English teachers, readers, writer and other researchers.

1. Teachers

The teachers can apply Feynman methods in zoom application in their teaching learning process after knowing the effectiveness of Feynman technique on zoom application to increase reading comprehension at SMKN 2 Kediri.

2. Student

The student will understand that Feynman technique on zoom application to increase reading comprehension at SMKN 2 Kediri.

3. Writer

The writer will know the importance of Feynman technique in zoom application and the advantages and disadvantages use Feynman technique on zoom application to increase reading comprehension at SMKN 2 Kediri.

G. Definition of Key Terms

a. Reading Comprehension

Reading Comprehension is an activity that we do to get information and meaning, through this activity we are not only read the text but also required the idea of the text According Weir and Singhal in Seken (2004) "Reading Comprehension basically an Interactive Process of meaning making between the reader and the author through the text.

b. Feynman Method

According to Englevert P. Reyes1*, Ron Mhel Francis L. Blanco2, Defanee Rose L. Doroon3,Jay Lord B. Limana4, and Ana Marie A. Torcende5 (2021) The Feynman Technique is a mental model and learning strategy used to simplify any complex information. it means Learning with Feynman technique becomes on of effective learning, because it is able to provide an explanation of learning concept in a simply way by making students the center of learning.

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