

CHAPTER III

RESEARCH METHOD

In this chapter, researcher describe the methodology of their research. Methodology includes study design, study environment, participants, data, data collection techniques, and data analysis.

A. Research Design

In this study, the researcher used descriptive quantitative method. Regarding to Burns (2003), “quantitative research is based on the aspect of quantity or extent. It is related to object that can be expressed in terms of quantity or something that can be counted. Such type of research involve systematic experimental analysis of observable phenomenon via statistical, mathematical or computational techniques in numerical form such as statistics, percentages, etc.” (p.4). Researcher used this method to find what the purposes of the study through observing the vision of the situation as how the condition normally happens. This study aim to get what learning strategies that students at use An Najah Boarding School in enhancing vocabularies and what the most frequents learning strategies used by them.

B. Research Setting

The writer conducts this research in An Najah Islamic Boarding School. This school located in St. Taruna Praja, Martapura, South

Kalimantan, 70714. An Najah Islamic Boarding School that located in Martapura is for girls students only. The writer chooses this school because the school had a program that the students need to talk two foreign languages as their daily conversation they are Arabic and English languages. English is one of the languages that a must for them, so the students could have their way in learning vocabularies in use for the daily conversation. This research taking time around 2 months from the middle of august to the middle of October.

C. Participants / Subject

The participant of this research is second grade of Junior High School of An Najah Islamic Boarding School. The researcher choose the second grade High School as participant because they must be past more than one year in this school, that those students could figure out and understand how their strategies while learning. Because when it comes to the first grade students, in that phase they learn how to speak Indonesian with their friend then the next semester they speak the foreign languages. So, the researcher thinks that the second grade suit this research.

In this research, the researcher decide conducting the research to a class that consist of 22 students from the second grade for the participant. Because 3 of them went to their hometown, so there are only 19 participants in this research.

D. Data

Data that need to investigate in this research is what learning strategies use by the students in enhancing their vocabularies. The researcher use some techniques to get the data, like observe about how their giving vocabulary program for additional result, some questioners and interview to answer the kind of learning strategies and most frequency that students use.

E. Technique of Data Collection

The researcher collected the data by multiple techniques. The data collections were observation, interview and questionnaire, as explain more below:

1. Observation

The researcher observed to the Boarding School to observe how they were given the new vocabularies in a day and how that works during the session, through the observation the researcher implement to know how the teaching and the way the students learning the new vocabularies. The researcher taking time for 2 months and researcher

conduct observation six times. During the observation, researcher finding the activities that students' use in improving vocabularies.

2. Interview

The second is interview, Regarding to Creswell (2018) that the researcher could conduct interview face to face with the participants, telephone interviews, or engage in focus group with six to eight interviews in each group. While the researcher conducted the study in boarding school, in may take times for the students if the interview conducted to one by one students since they also has so many activity aside from school, so the researcher conducted the interview through the focusing group. Interview is used to get information about how students' learning strategy in enhancing their vocabularies.

3. Questioners

For the questioners, the researcher asked some question to the students. The question that researcher used based on Strategy Inventory of Language Learning (SILL), the researcher will take several questions that related to this study. By the questioners the researcher fond the learning strategies and most frequency use by students. The SILL use a 5 likers-scale that students asked to respond the question.

4. Test

The test is conducted to students. The aim of the test is as a proved that students' vocabularies skill are enhancing when they use the

learning strategies. The test consist of 20 question that divided into 10 multiple choices and 10 short answer. The questions were taken from some vocabularies that the students learn in the boarding school.

The categories of students' mastery of vocabulary score can be stated as below:

Excellent = 90 to 100

Very good = 80 to <90

Good = 70 to <80

Fair = 60 to <79

Low = 50 to <60

Very low = 0 to <50

Total score of students' test divided by the number of students to see the mean of students' score (mean):

$$\text{Mean} = \frac{\text{Total score of students' test}}{\text{Total number of students}}$$

F. Data Analysis

The researcher used descriptive quantitative research and data analysis based on Miles and Huberman (1994) to classify the data as manageable. The steps for data analysis are as follows.

1. (McCarthy & O'Dell, 2017)Collecting Data

The researcher conduct the data to fulfill the research information from the process research, such as observing, interviewing, and

questioner to the students which is related to language learning strategy based on Oxford (2001).

2. Data Reduction

In this step, the data need to be selected, focused, simplified and transformed 'raw' data into interview notes. Researcher need to select data that has been conducted from the research above. The interview and question about the learning strategy use by students during learning and enhancing their English vocabularies. Then classify the data into kind of learning strategy in the next step.

3. Data Display

In this step, the data need to classify from the most frequent in displaying the data for the quantitative into narratively. The researcher will classify all the data and categorizing them into 6 learning strategies based on Oxford they are *cognitive, metacognitive, memory related, compensatory, affective, and social*. For identify the most frequent learning strategy in enhancing vocabulary, the researcher identify them by Strategy Inventory of Language Learning (SILL) measuring by 5 Liker-scale.

1 = never do this

2 = seldom do this

3 = sometimes do this

4 = usually do this

5 = always do this

Strategy learning most frequency uses for students who answer 'I usually do this' and 'I always do this' to the activities of learning that mention in questioner.

4. Conclusion and Verification

The last step is conclusion and verification all the data that has been categorized into the Learning Strategy based on Oxford and most frequency by SILL the researcher calculated the amount of the occurrence of them on the table in order to determine the result of the data. The researcher to sum up the data narratively, discuss them for all the result also check and verified them and the last making a conclusion.