CHAPTER III

METHOD OF INVESTIGATION

This part explained about the method of investigation which consists of research design, the source of data, technique of data collection, and technique of data analysis.

A. Research Design

According to Creswell (2009: 3), research designs are plans and the procedures for the research that span the decisions from broad assumptions to detail methods of data collection and analysis scientific the data. The main purpose of this study is to describe the use of contextual teaching and learning model on reading comprehension for the eleventh grade students of Madrasah Aliyah at Pekuncen Banyumas. Therefore, the writer use descriptive qualitative research and it include in qualitative research. The writer use technique of data collection from observation, interview and documentation. The research aimed to describe the use of contextual teaching and learning model on reading comprehension. The results of this research will be a description about it.

B. **The Source of Data**

Data sources are source in which data is taken from. The sources of data are subject where data can be gained. In this research, the researchers go the data from:

1. Person

The writer took the data from the teacher and students of Madrasah Aliyah at Pekuncen Banyumas.

a. The Teacher of Madrasah Aliyah at Pekuncen banyumas

The teachers of Madrasah Aliyah at Pekuncen Banyumas as the first interviewee who were asked about the application and influences of using contextual teaching and learning model in reading comprehension.

b. The Eleventh Grade Students of Madrasah Aliyah at Pekuncen Banyumas

The students of Madrasah Aliyah that were source of data are who study at Madrasah Aliyah in Pekuncen Banyumas for the academic year 2018/2019. The students were asked about the application and influences of contextual teaching and learning to their learning of reading comprehension.

2. Documentation

In this research, the writer used papers or documents from Madrasah Aliyah at Pekuncen Banyumas, teacher and students such as the observation field in the classroom and pictures that can give the writer more supporting data.

3. Place

It is part of source of data where the writer observed the data. The writer collects the data in two schools.

a. Madrasah Aliyah Muhammadiyah Pekuncen

The writer conducted the research at Madrasah Aliyah Muhammadiyah Pekuncen. The research chooses the data in eleventh grade students.

b. Madrasah Aliyah Ar-Ridlo Pekuncen

The writer conducted the research at Madrasah Aliyah Ar-Ridlo Pekuncen. The research chooses the data in eleventh grade students.

C. Technique of Data Collection

Technique of data collection will be very important factor in this research. To obtain the data, the writer should consider the appropriate

method. In this research, the writer used some technique of collecting data, they were:

a. Observation

The writer was serving as observer to the place, the environment, students and teacher at Madrasah Aliyah Muhammadiyah Pekuncen and Madrasah Aliyah Ar-Ridlo Pekuncen to find factual data obtained through observation. The way in doing observation were : 1) the researcher prepared the concept observation, 2) The researcher joined in the classroom, 3) the researcher observed teacher's strategies were teaching used contextual teaching and learning in reading comprehension. This method was used to get information about the teacher use contextual teaching and learning in reading comprehension.

b. Interview

To complete the data, the writer did interview to the teacher and the students, especially the eleventh grade students. This interview was intended to obtain additional information data. Interview is way to gather data on subjects' opinion, beliefs, and feeling about the situation in their own words. Interviews provide information that cannot be obtain through observation, or they can be used to verify observation.

c. Documentation

The documentation was applied to collect the data of the student achievement. Documentation includes some action after interview. The documentations conduct in whole research activities in collecting the written data interview. The technique use to prove the interview as a part of the research. It wills also to makes the research are believable and credible.

D. Technique of Data Analysis

The technique of data analysis in this research is the writer start from qualitative data. The qualitative data which are collect from observation and interview. The technique of data analysis are follows:

a. Data Reduction

Sugiyono (2012: 336) explains that data reduction is consist of some action such as summarizing, selecting the most important data, making a review, choosing the main problem, focusing in the main problem, and finding out the theme and concept. Thus, the data is given the descriptive clearly, and in order to get the clear explanation and conclusion.

1. Doing observation to know of situations, condition, and the activity students in eleventh class.

2. Describing result of observation.

3. Doing interview to the teacher and students of about the use contextual model on reading comprehension.

4. Describing result of interview.

b. Data Display

After reducing the data, the next step is displaying the data. In this research the writer use chart to display the qualitative data. The narration will be used to describe the qualitative data.

Miles and Huberman states that, the most frequent from the data display for qualitative research data in the past have been narrative text (Sugiyono: 2008; 249).

In this study, the classification of the data focused on the application and effect about the use of contextual model on reading comprehension for the eleventh grade students

c. Data Conclusion

The last step will data conclusion. According to Sugiyono (2012: 343, conclusion is the new finding which has not found before. The

findings describe the object which will still indistinct. Then, the final accomplished after analyze the temporary conclusion.