

CHAPTER III

RESEARCH METHOD

This chapter describes about the method used to be conducted the research. This part present the type of the research, subject of the research, data of the research, research instrument, data collection technique, and data analysis technique these will explain as follows:

3.1 Research Design

The most important part of research is research design. It is because the aim, result and quality of the research is determined by it is part. According to Usman and Akbar, (2008:41) research design is a process to know something or result of the research with the systematic part. Based on the questions and the objections of the research in the chapter one, the data of the research entitle *using crossword puzzle game in teaching listening descriptive text for the first grade students of Madrasah Tsanawiyah Al-Hikmah Sidorejo Mojokerto* organized as descriptive qualitative. It is because this research describes, explains, and analyze every particular situation in the process of teaching and learning. For supporting the statement, there is a theory comes from Sarwono (2006:193), he state that qualitative research is research design that more focus on process than the result of the research. Therefore, this research would observe the activities between the teacher and the students in the classroom. The result of the research reported anything happen in qualitative ways.

3.2 Subject of the Research

The subject of this research is the English teacher and the first grade students of Madrasah Tsanawiyah Al-Hikmah in academic year 2015/2016. It is located in Sidorejo-Mojokerto. The class consists of 12 Students.

3.3 Data of the Research

The data of this research is teacher and students activity during teaching and learning process in the class. It is about how the teacher uses cross word puzzle game in teaching listening descriptive text in the first grade class of Madrasah Tsanawiyah Al-Hikmah and the result student's questionnaires. This data will be describe and explained by the writer descriptively.

3.4 Instrument of the Research

Instrument of the research is used for getting some data. Its suitable with Sarwono (2006:212) explains that whatever the instrument used by the observer in the some research, the main purpose is to get the information. In collecting data of this research, the writer used four kinds of research instruments. They were Observation checklist, field notes, interview, and questionnaire for the students. The elaboration of the four of research instruments were describe as follows:

3.4.1 Observation Checklist

The observation conducted in the classroom while the teaching and learning process ran. It is done to know how the teacher applied crossword puzzle game in teaching listening descriptive text, identify condition of the classroom, and the student's interest during the learning process. Arifin (2013:164) state that

checklist consists of subject and aspect that will be observed by the writer. The observation checklist consists of list of important information that needs to be observed during the teaching learning process. The form of observation checklist is “YES” or “NO” answer completing with official statement. This instrument is important for the writer to memorize all of simple activity that important for data collection.

3.4.2 Field Notes

Field note refers to various note recorded by the writer during and after the observation of teaching learning process in the classroom. Creswell (2012:216) states that Field notes is text that recorded by writer during the observation in the first class of Madrasah Tsanawiyah Al-Hikmah Sidorejo Mojokerto.

3.4.3 Interview

The interview is the most common method of data gathering in qualitative research. The general meaning of interview is a conversation between two or more people to gain some information and the writer follow it to get some information from the English teacher. Sudjana (2009:68) argues that there are two kinds of interview; they are structured interview and unstructured interview. The writer uses the unstructured interview to get some information from the English teacher (see appendix 7). It is about the games that used in teaching listening descriptive text. The writer prepares some questions about teaching learning process and gives the question to the teacher after the class. The writer provides fifteen questions that should be answered by the teacher. It frequently asks about

the students work, material that used by the teacher that day, also games that the teacher applied.

3.4.4 Questionnaires for the Students

Questionnaire for the students in one of data collection technique that done by giving some questions or statement for the respondent. The aim of this data collection technique is to obtain the students' response concerning crossword puzzle games that applied by the teacher in teaching descriptive. The students in the questionnaire should answer seventeen questions. According to Arifin (2013:166-167) there are two kinds of questionnaire they are the structure and unstructured questionnaire. To get some data of this research, the writer used the structure questionnaire, the writer provide some alternative answer from A until D that can choose suitably by the students.

To percentage the student's questionnaires data, the writer uses the formula:

$$P = \frac{F}{N} \times 100 \%$$

Information:

P = Percentages (Total percentage)

F = Frequencies of respondent answers

N = Total respondent

3.5 Data Collection Technique

Collecting data is of the important part of the research. To collect some data of this research, the writer is not being the participant in the teaching and

learning process. The writer only watches the process of teaching and learning in the classroom and fulfilled the observation checklist to check the teaching component, and writes anything that out the component. The writer also does the English teacher interview to get some data. Finally, to analyze the student's response and their opinion about Crossword Puzzle Game, the writer ask the students to do the questionnaires. There are some steps that applied by the writer to collect the data of this research, they are:

1. The writer visits to the Madrasah Tsanawiyah Al Hikmah Sidorejo Mojokerto.
2. The writer meets with the teacher to discussing about the lesson plan and teaching material for teaching listening descriptive by using crossword puzzle game.
3. The writer makes a list of observation checklist, questionnaires, and interview questions.
4. The writer does the observation by recording during the process teaching listening descriptive text by using crossword puzzle game.
5. The writer does the observation checklist and field note.
6. The writer gives the questionnaires to find the students response toward the use of crossword puzzle games in teching listening descriptive.
7. The writer does the interview for the English teacher.
8. The writer clasiffies and matches the data with the transcription from the recorded previously.

9. The writer makes the tabulation both of students score to supporting the data analysis of implementation crossword puzzle game in teaching listening descriptive.
10. The writer makes table percentage and chart as the result of the student's responses.
11. The writer describes and analyzes the data.

3.6 Data Analysis Technique

After collecting data for the research, the writer analyzed the data and the information through the outcome of the process observation. Some steps applied by the writer for analyzing the data that writer took. The first step is the implementation of crossword puzzle game in teaching listening descriptive. The process of teaching listening will be described and analyzed used the principle of teaching listening teory by Harmer (1998:99-100) and the used of the crossword puzzle games in teaching learning process will be analyze by using the Wharton (1995:48) teory. The next steps to find the students response in using crossword puzzle game in learning listening descriptive, the writer analyze by using the result of the questionnaires and the English teachers interview. The last step is, based on the research analysis data the writer will conclude some important points as the conclusion