

CHAPTER III

RESEARCH METHODOLOGY

This chapter discusses the research methodology. They include: research method, research design, research subject, research instrument, data collection technique and analysis, data procedure.

A. Research Method

Method is a process that chosen by the researcher specifically as an effort to solve the problems of the research. According to the experts that research methodology defines the kinds of problem that are worth investigating in frames, determines what research approaches and research method use, and also how to understand what constitutes a legitimate and warranted explanation and the research method can be classified into three broad research categories; quantitative research, qualitative research and mixed methods research designs (Tavakoli, 2012).

In this study, the researcher used qualitative descriptive method. It means the writer analyzed the data descriptively and the presentation of the result was in form of explanation of words which would be supported by data presented in the form of table (Royani & Sadiyah, 2019). According to (Moleong in Putri, 2018) qualitative research is a special tradition in social science fundamentally depends on data collection from the subject of the research.

B. Research Design

In collecting data the researcher used tests, observation, questionnaire, and interview. The second was observation, which was done after each meeting or treatment. The questionnaire and interview were done at last. A research design is the arrangement of condition for collection and analysis of data in a manner that aims to combine relevance to the research purpose.

Based on the statement, the researcher concluded that in qualitative research. The researcher does not have to form conception or theories about her or his research field. The purpose of descriptive research is to make description systematically, factual and accurate about the facts, characteristics and relations among phenomena being investigation.

C. Research Subject

Research Subject is a person or group who decided to participate in a research study. The subjects of this research was students of 7E class in SMP IT Fithrah Insani in Bandung 2019/2020 academic year. They were 26 students who were in the second semester, with detail of 26 male students.

D. Research Instruments

Research Instruments is the most important position in all research activities, and it is one of the significant steps in conducting this research. The successful of research is much decided by instrument used, because data which is needed to answer research questions and research instrument was used as a measurement of achievement in the research conducted. The researcher had decided to select the following instruments which are considered necessary to collect the data in order to

analyze students' ability and understanding of writing descriptive text at the seventh grades students in SMPIT Fithrah Insani in Bandung. The instruments were:

1. Observation

In research, researcher needs several methods to collect the data and one of them is observation. Observation is methods to see something in the research. According to (Bailey in Insani, 2019) states that observation is a foundational tool that researchers use to collect descriptive information and to make knowledge claims about the physical and social world. It means, observation is source of evidence in research studies to get information and knowledge about what we want to describe. observation have purpose to be used which relates to the teaching learning process, students' activity, and problem, which may arise. The type of data used in this study is structured observation of observation checklist. It was observed carried out during the learning process.

2. Questionnaire

A questionnaire is a set of questions used for research purposes in nature and it is designed depends on the type of information that is required to be collected. In this study, the researcher gave the students question related to the topic of the teaching writing descriptive text using picture through Whatsapp group. So researcher used it to know students' responses of writing descriptive text using picture through Whatsapp group.

3. Interview

Interview is the activity where conversation with certain purposes which is done by two parties. the interviewer and the interview. Additionally, Interview is asking the respondents orally to gain the detail information. An interview is typically a face-to-face conversation between a researcher and a participant involving a transfer of information to the interviewer, and he also says that interviews are primarily done in qualitative research and occur when researchers ask one or more participants general, open-ended questions and record their answers(Creswell, 2012).In this research, they were teacher to be interviewed.

4. Test

Test is a tools to measure students achievement in understanding material which is given by teacher. Test is conducted with the aim to determine students' writing ability using picture through whatsapp group. The researcher gives once the test that are the end of the meeting. The test was done after finishing the teaching and learning process on the third meeting. The test is an descriptive text material. The students were asked to write free composition assignment where the students were asked to write a short paragraph Of 7-10 sentences based on the given topic about descriptive text. before that the writer explained about descriptive text such as a media for interest and can be easy students for imagine their favorite actor or actress. Were the students asked to write some paragraph about their favorite actor or actress. The topic was choose because most of students like to share their ideas and share their favorite actor.

E. Data Collection Technique and Analysis

Data collection is a process of collecting information from all the relevant sources to find answers to the research question. In this research, there were some steps that are conducted in gaining the data from beginning until the end of teaching learning process. Therefore, data Collection technique for each instrument will be explained as follow:

1. Observation

Observation aims to observe the process of teaching proses. In this section, observation is used to find out more about students' responses, student behavior and activities observed carefully during the teaching learning process to obtain more information how the teaching and learning process itself from observer. The researcher provides several columns that must be filled by the observer during the teaching and learning process take place, they are teacher activity, student's activity, student's responses, and online class situation.

2. Questionnaire

The questionnaire list of questions to be filled in or answer by the responded to be measured. The questionnaire is gives in the form of twenty questions. In this questionnaire table, there are five columns those are number, question, yes, no, and reason. The questions table is made to help student's easier to fill in the questions. If students answer 'yes' or 'no' they can write the reasons for the answer in the reason column. The question is given to find out what are the student's responses to learning writing descriptive text using picture through Whatsapp group. Question are given at the end of the meeting, the duration of time to answer the question is thirty minutes.

Table 3.1
Questions for the Students

No	Questions	Yes	No
Uses of learning Media			
1	Teacher uses Picture as a media of learning in Teaching.		
2	Every teacher teach using picture as learning media other than books.		
3	In teaching the teacher uses a variety of learning media.		
4	The teacher uses pictures as a learning media that is incompatible with the subject matter.		
Attitudes of students towards the use of media			
5	It is easier for me to understand the lesson after the teacher uses pictures as a learning media		
6	I find it difficult in teaching and learning activities using pictures as a learning media.		
7	The use of instructional media has a huge influence in receiving English lessons.		
8	I am more excited about taking English lessons using instructional media		
9	I feel tense or afraid during the English learning activities		
10	The use of pictures as a learning media is just a variation of teaching from the teacher so that it doesn't get bored easily, but actually the material I catch is the same as not using learning media		

3. Interview

After the student answered the question from questionnaires, researcher asked took some students to ask them by interviewing for identifying their difficulties in learning writing descriptive text and also the interview the English Teacher.

The tables below show the question to interview the English teacher and students.

Table 3.2
Questions for the English Teacher

No.	Interview questions	Answers
1	Before starting the lesson, what do you usually do?	
2	Do you teach according to the syllabus and lesson plans?	
3	What methods do you use in learning English in the class?	
4	What difficulties do you face when teaching English?	
5	What media do you use in learning English in the class?	
6	What do you know about picture media?	
7	What do you think about learning media using pictures through whatsapp group?	
8	What difficulties did you encounter when learning English using picture media?	

By those steps of collecting data the researcher knew about this media was useful and good for students and teacher or not.

4. Test

The test is used to find out which part the students feels difficulty when filling in writing questions. Then to answer what are the students' difficulties in learning writing descriptive text using picture media through whatsapp group.. The test are gives in printed paper and the students answer the questions in each paper. The test are used to know what kind of problem do they feel difficulties in learning writing.

F. Data Analysis Procedure

After getting some data, researcher had to analyze it. It started to analyze the test. According to (Sarjan in insani., 2019) data analysis is a time consuming and difficult in process. Data analysis is the process where the researcher has to systematically search and arrange the data in order to increase the understanding of

the data and enable to present the result to others. Data analysis is managing data process, organizing it into a good pattern, category and basic unit.

Futhermore, aparts from tests, there were many data collected from the observation, interview and questionnaire. In observation section, the observer filled out some questions on the observation sheets and took notes and photos from the activities of teaching learning process. Then questionnaire was distributed to the students after they had finished all of the learning process. To discover the student's response, the students were allowed to choose one of the options: Yes, and No.

They answered each option that was suitable with their thoughts. And interview was done at last, researcher interview the English teacher and also 3 students. They were: student who got the highest score in the online classroom, the student who got the lowest score, and the student who got standard score. The researcher asked them and also recorded their statement or opinion. After all, researcher summarized the data which was gotten, chose the basic substance, focused on the important substances, found the data which was related to the research objectives, displayed it, and concluded the data.