CHAPTER III
RESEARCH METHODOLOGY

This chapter presents the procedures of this study. The topic discusses the research design, research subject, instruments, data collection, and data analysis. Therefore, those are provided concisely in the following sections:

3.1 Research Design

Research design is plans with steps of procedure based on the research that significantly focus on methods of data collection and analysis (Creswell, 2009). The study aims to understand a result of what researched by a researcher. Research is something important to find something new. Problems examined by researchers a matter social and dynamic. Hence, researchers chose to use research methodology qualitative to determine to find, gather, process and analyzed data the outcome of this research. The qualitative study can be used to understand social interaction, for example by in observation and depth interviews so that it will found patterns clear. Based on (Ary,2012) he stated that descriptive research was designed to obtain information concerning with the current status of phenomena and it is direct toward determining of a situation as it exist at the time of study.

This research included to a qualitative research, because this research explained that how the implement of using picture series in teaching writing especially in descriptive text used by the teachers.
3.2 Research Subject

Research subject is the someone whom to investigated in research (Arikunto, 2006). The subject of this study was the teacher of “MTS Muhammadiyah 1 Malang”. The researcher was interested to observe how was the implemention of picture series in teaching writing descriptive text used by the teacher. This study was conducted at “Mts Muhammadiyah 1 Malang”. In this school there were some teachers who teaching English used media in their teaching. It is very important to improve the students abillity especially in teaching writing. When the teachers used media in their teaching at the clasroom, the teacher can make students easier to understand the English subject. Media are everything that can be used to chanel the message of learning (material), it can excite attentions, interest, minds and feelings of students in learning activities to achieve the purpose of learning.

3.3 Research Instrument

Research instrument is tool or media used by researcher to research which aims to obtain a result of investigation. Before conducting the research, the researcher has to decide what the instrument that will be used. On the other hand, according to Ary et al (2009), research instruments are used by the researcher to get the data. Instruments in research such as field notes, observation checklist, interview guide, questionnare, interview question, and camera. In this research, researcher used field notes and interview guide to collect the data.
3.3.1 Observation

Observation is deliberated systematic activities of individual or another object who investigated. Based on Hyland (2009), observation is direct or recorded data of ‘live’ interactions or writing behaviour. In this research, in accordance with the object research, researchers choose observation participants. Observation participants which is a technique observation where researchers participate in activity carried out by the object investigated.

Observation was conducted by observing and record directly towards an object research, namely by observing activities at Mts Muhammadiyah 1 Malang, so researchers could determine informants who will investigated and also determine office, duty / event, address, the phone number of a candidate informants to get the information for the benefit of research. In addition, the researchers used observation to enhance observation data about the condition or situation of classroom activity at Mts Muhammadiyah 1 Malang especially in first grade.

3.3.1.1 Field Notes

Field notes are instruments which are the researcher use in observation to collecting data (Ary, 2009). The researcher used field note to write how the teacher implements at Mts Muhammadiyah 1 Malang in teaching writing descriptive text using picture series. Moreover, the researcher will write a note as long as teaching learning activity was done in classroom. In addition, field notes is used to improve the observation about condition and situation in class during learning activities.
3.3.2 Interview Guide

According to Ary (2009), he argued that interview is one most of basic methods for obtaining in qualitative data, it used for about people’s opinion, believe and feelings about something happen in their own words. There are any 3 types of interview:

a. Unstructured interview is interview with conversational type, it means that interview which the question develop based on the situation.

b. Structured interview is interview which more specific purpose to getting valid information from the subject or interviewee.

c. Semi structured interview is interview which the interviewer can modify the question during the interview activity.

Based on the explanation about interview and the types of interview, researcher in this research instrument use two instrument that are field notes and interview guide. The interview guide is a part of the interview. In interviewing, researchers need the interview guide to obtain the result of investigated. The interview guide is part of research instrument. The interview be identified as research instrument because the interview guide is media which used by researchers to get the information from interviewee.

The researcher prepared the interview guide to get the information from the teacher. Interview guide used to ask something to the research subject (teacher). Based on Creswell (2011), he stated that the interview guide is an instrument which is prepared by the researcher which include instructions for the interview process, questions, and media to take notes of the interviewee’s responses. The interview guide comprise of several questions for submission to
interviewe’s which is to know how the picture series implement in teaching writing especially in descriptive text. On the other hand, before researcher conducted interviews, researcher required to preparing of the interview guide.

3.4 Data Collection

This is an important part in doing research because when researcher collecting data, they can obtain a result of what have been researched. Based on Ary et al (2010) state that the data collection is techniques of collecting the data. It means that technique which can used by researchers to obtain the data. The data of this study were collected in the following steps:

1. Observing the classroom activities using field notes and record the activities.
2. Interviewing the teacher as a subject research who taught the descriptive text using picture series in their learning activities to support the data. In this part, researcher asked questions about how the implementation of picture series in teaching writing descriptive text, the advantages and the disadvantages of using picture series in their learning activities during teaching writing descriptive text.
3. Analysing document. In this part, the researcher analysing all of the teacher activity during in teaching writing descriptive text especially using picture series.
3.4.1 Document analysis.

Between observation and interview, this research used documentation to complete the data. Documentation can make the data more concrete and can increase the understanding of the reader. Document analysis is used to analyse document when the researcher analyse the document to get an information from observation and interview section.

3.5 Data Analysis

In doing data analysis, researchers have to collect data. Data analysis is a process to get results of an observation or research. According to Creswell (2009), data analysis involves collecting open ended data, based on asking general questions and developing an analysis from the information supplied by participants. It means, the researcher need data collection based on the information of an object and then develop the results of observation.

These are steps of procedure as follow:

a. **Step 1. Organize and prepare the data for analysis based on the elements.**
   - Field Notes
   - Interview Guide
   - Document Analysis

b. **Step 2. Identifying the advantages and disadvantages using picture series in teaching writing descriptive text.**

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c. Step 3. Describing about the implement, advantages and disadvantages of teaching writing descriptive text using picture series by the teacher.

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