

## **CHAPTER III**

### **RESEARCH METHOD**

This chapter elaborates the research design, data and data sources, technique of data collection, technique of data verification, and data analysis.

#### **A. Research Design**

Research is the formal, systematic, application of the scientific method to the study of problem. Creswell (2008:3) states that research is process of step used to collect and analyze information to increase our understanding of a topic or issue.

This study used qualitative approach based on its characteristics as having a natural setting, using the human as the primary instrument, dealing with data that are in the form of words rather than numbers and statistics, and analyzing the data inductively as cited from Ary et al. (2010: 424).

The research design used in this study is descriptive. As cited from Tarigan (1992:105), descriptive research is a research which is describing the phenomenon naturally without manipulation or experiment. Descriptive research is designed to obtain information concerning the current status of phenomena. The main point of this research is to collect the data in descriptive way. Furchan (1982:415) stated that the purpose of descriptive research is describing variable or condition of 'something' in a certain situation.

As stated in objective of research at chapter I, the researcher intended to describe the implementation of students' self-selection on reading material, the research focused to describe the procedure, students' responses, problems and advantages of students' self-selection on reading material. In order get the deep Information of it, the researcher should describe as detail as possible about the object being described.

### **B. Data and Data Sources**

In this descriptive qualitative research, the data is in the form of words. The data collected in form of statements and description. Data in this research is needed to answer the research question. Data was taken during conducting interview with some students and teacher, the note of researcher observation that is taken from class activity, and questionnaire was answered by the students. The data collected from interview, observation and questionnaire are implementation of students' self-selection on reading material, students' responses toward the implementation of students' self-selection on reading material, problems and advantages in implementation on reading material.

Data sources in this study are students and a teacher that implementing students' self-selection on reading material at MAN Tulungagung 1. From the students, researcher have been obtained how the students' responses, their problems and advantages of implementation of students' self-selection on reading material. From the teacher have been obtained how the procedure, the problem and advantages of students' self-selection on reading material.

### **C. Technique of Data Collection**

Technique of data collection deals with how the researcher gets the data. The data in this research are collected from conducting interview with English teacher and some students, also from doing observation and distributing questionnaire in the English class that implementing students' self-selection on reading material at MAN Tulungagung 1.

Interview is of one method to collect the data in conducting research. Interview is a conversation which has certain purpose. It is done by two people, namely interviewer who ask questions and interviewee who give answer to that questions (Moleong, 2008: 186). Ary et al. (2010: 438) stated that interview is used to gather data from people about opinions, beliefs, and feelings about situations in their own words. Interview that is done with the teacher in this research is structured interview because researcher came to the interview with guiding questions. While the interview is done by three students is unstructured interview, because researcher came to interview without guiding question. The interviews with some students are to complete the data from the questionnaire that need some reasons to be asked.

These interviews were done for interviewing the students and an English teacher. Interviewing the teacher was intended to dig out information about the procedure in implementing students' self selection on reading material, students' responses, problems and advantages of students' self-selection on reading material. Interviewing students was done to get the addition data about students' responses toward self-selection on reading material, their problem and the

advantages of self-selection on reading material. Instrument used in this interview is interview guide.

Observation based on Hatch (2002: 72) describes a specific data collection strategy that can be applied across many kinds of qualitative studies. Ary (2010: 431) stated that qualitative observations rely on narrative or words to describe the setting, the behaviors, and the interactions. While Nazir (2005:174) states that observation is a process of collecting data directly without any standard device for doing that. In this case the researcher pay attention to the object by entering English class to observe directly the process of the implementation of students' self-selection on reading material.

Based on Arikunto (2002:128) Questionnaire is some written question that used to get information from respondent about themselves or something they know. Questionnaire is used to call both method and instrument. Thus in using questionnaire method, the instrument is questionnaire. In this research, the researcher used closed questionnaire. The respondents just need to choose the question that have present. This questionnaire is spread to some students obtain the information about their responses toward self-selection on reading material, the problem and advantages of self-selection on reading material.

#### **D. Technique of Data Verification**

In this study, the researcher used triangulation to verify the data. Moleong (2008: 330) stated that triangulation is data verification technique using something that could be in the form of theory, source, etc. which is used only as checking

needed or comparing the data. It is also stated by Ary et al. (2010: 498) that the use of multiple sources of data, multiple observers, and/or multiple methods is referred to as triangulation. So, the researcher used three data sources that are from interviews, and from observation and questionnaire. Those are to obtain the information of procedure, students' responses, problems and advantages of implementation of students' self-selection on reading material.

### **E. Data Analysis**

In this study, the researcher used technique of data analysis based on Ary (2001: 465) which is involving three steps: organizing the data, summarizing the data, and interpreting the data.

#### **1. Organizing**

The first step in analyzing qualitative data involves organizing the data. Bogdan and Biklen in Ary (2001: 465) suggest that the researcher can actually begin some data analysis in the field, while collecting the data. Here, the researcher used interview to collect the data. Organizing is done firstly by categorizing the data from the interview transcript. Then data having the same categorized placed together rewritten in the form of paragraph. The categorization is based on the interview guide

#### **2. Summarizing**

The next step is summarizing. Here the researcher begins to see what is in the data. Examining the same categories and then connected among categories

further integrates the data (Ary et al, 2001: 469). Here, the researcher did summarizing the categories in the earlier step.

### 3. Interpreting

The last step is interpreting the data. Interpreting involves reflecting about the words and acts of the study's participants, and abstracting important understandings from them (Ary et al, 2001: 470). Interpreting is done by describing the interview result, observation note clearly and understandably, and also the questionnaire. After interpreting, it can be found and stated clearly about the implementation of students' self-selection on reading material at MAN Tulungagung 1.