

## CHAPTER 3

### METHOD OF DATA COLLECTION AND ANALYSIS

#### 3.1 Type of Research

This study is a qualitative study. Qualitative work requires reflection on the part of researchers, both before and during the research process, as a way of providing context and understanding for readers (Sutton & Austin, 2015). The peculiarity of qualitative goals reside in the way the question is framed – a need to describe, verify or understand (Crescentini & Mainardi, 2009).

#### 3.2 Subjects of the Study

The subjects of this study are students and English teacher of the 8<sup>th</sup> grade at SMP Negeri 38 Semarang. The researcher chose only one of the English classes of 8<sup>th</sup> grade at SMP Negeri 38 Semarang. There were 32 students in the classroom and one English teacher.

#### 3.3 Method of Data Collection

This research took at SMP Negeri 38 Semarang. To collect the data, the research used four kinds of instrument:

##### 1. Observation

Observation is used in the social sciences as a method for collecting data about people, processes, and cultures (Kawulich, 2012). The aims of classroom observation are to get more insights into what is happening in a specific classroom and to provide information for teachers to take action to improve their own teaching and their students' learning (Ha, 2004).

In this research, the researcher observed the teacher's teaching technique used by English teacher of the 8<sup>th</sup> grade at SMPN 38 Semarang student situated in the English classroom of the 8<sup>th</sup> grade at SMPN 38 Semarang. The researcher used field notes to collect the data observation.

## 2. Guided Interview

Interview is a conversation for gathering information. A research interview involves an interviewer, who coordinates the process of the conversation and asks questions, and an interviewee, who responds to those questions (Easwaramoorthy & Zarinpoush, 2006). The researcher interviewed three students of the 8<sup>th</sup> grade at SMP Negeri 38 Semarang to get information about teacher and teaching technique applied by the teacher in her English class. The participants of this study are three students from the 8<sup>th</sup> grade at SMP Negeri 38 Semarang. The question and answer of the interview revealed the students' expectation towards the used of teacher's teaching technique in the English classroom situation. This interview also revealed the expectation of students toward the kind of teaching technique that the teacher should apply, so that English teaching learning will be easy to be accepted and what kind of teacher characteristics that they need so they can enjoy the class easily.

To collect the data interview, researcher notes list of the questions. During the interview, the researcher notes the answer and records it in the recorder to support the data collection and to avoid the data that missed while taking the notes of the interview.

The transcription of the interview can be seen in the appendix.

#### 4 Library Research

One of the activities is to collect data by searching on the books, library catalogue, journal and newspaper, and librarian. The purpose is to get information of latest publications until old publications (Walliman, 2010). The researcher used library research to collect data about teaching technique and other literature review.

#### 5 Documentation

The researcher used video recorder to collect the data during teaching learning process. The data recorder then changed into transcription.

### 3.4 Procedure

Furthermore, the researcher used several steps to do the research:

#### 1. Finding Related Theories

In this step, the researcher found the related theories from books, journals, and papers. The researcher collected information about the teacher's teaching technique, type of the teacher's teaching technique, stages of each type of the teacher's teaching technique, and characteristic of ideal teacher. These theories become the basic of theory used to analyze the data.

#### 2. Collecting the data

The second step of this research is collecting the data. To collect the data, the researcher use observation, interview, and documentation.

#### 3. Analyzing the data

The last step was analyzing the data. After the data was collected from observation, interview, and documentation, the data were changed into transcription and analyzed which step of teaching could be categorized as one of

the teacher's teaching technique. The researcher analyzed the result of interview and revealed the characteristics of teacher. Then, the teaching technique that should be applied which students expect in the English classroom situation.

### **3.5 Method of Data Analysis**

The data gained from observation, documentation, interview, and library research. The research was using qualitative method to analyze the data. To answer research question 1, the writer would used the theory of teacher's teaching technique and to answer research question 2, the writer would used interview to reveal the students' expectation toward teacher's characteristics in teaching.

