

## **CHAPTER III**

### **RESEARCH METHODOLOGY**

In this chapter, the writer presented about types of resesarch, subject of the study, research instruments, procedures of data collection, and techniques of data analysis.

#### **3.1 Types of Research**

This study used descriptive method and the writer classified and analyzed the errors based on surface strategy taxonomy. In this case the writer classified and analyzed the students' grammatical errors in writing descriptive text.

#### **3.2 Subject of the Study**

The subject of this study was the eighth grade students. There were two classes (class A and B) which consisted of 25 students of class A and 26 students of class B. The writer took 12 students in class A and 12 students in class B randomly to be the respondents of this study. Therefore, the writer prepared 51 pieces of paper for all students of class A and B and there were only 24 pieces of paper marked with the number 1 until 24, while other pieces were blank. Students who got paper with those numbers were chosen as the subject of this study.

#### **3.3 Research Instruments**

In this study, the writer used writing test as instrument of the research. The writer asked the students to choose one of the topics and write down a descriptive

text. The topics were: My Favorite Person, My Favorite Animal, My Favorite Place and Students' Own Topic. They were asked to write a descriptive text with at least two paragraphs in 60 minutes.

### **3.4 Procedures of Data Collection**

In collecting the data, the writer took the following procedures:

1. Getting the recommendation letter from the Head of English Department
2. Getting the recommendation letter from the Dean of Teacher Training and Educational Sciences Faculty of WidyaMandira Catholic University
3. Getting the permission from the Principal of SMPK St. Aloysius Niki-niki
4. Preparing the test
5. Consulting the time with the English teacher to administer the test.
6. Giving the instruction to the students to write a descriptive text on the chosen topic
7. Collecting the answer sheet of the students

### **3.5 Techniques of Data Analysis**

There were some steps followed by the writer in analyzing the grammatical errors in descriptive text produced by the eighth grade students of SMPK St. Aloysius Niki-niki.

1. Reading the students worksheet
2. Identifying the errors made by the students based on surface strategy taxonomy

3. Marking the errors made by the students (Omission is marked by ^, addition is marked by bold, misformation is marked by italic, misordering is marked by underline and miscellaneous is marked by italic and bold)
4. Classifying the errors made by the students based on surface strategy taxonomy
5. Calculating the most common errors made by the students'
6. Concluding the result of the study
7. Reporting the result of the study