

## CHAPTER III

### RESEARCH METHOD

#### A. Research Design

In this research, the researcher uses descriptive quantitative method. It is because this research presents the description and explanation about particular indication that is explained in number form or classified the data into certain category to make the reader easy to understand. One of descriptive quantitative data presentation is percentage and it is used by the researcher in this research. Sukmadinata N. S states that “ *Penelitian kuantitatif deskripsi atau gambarannya menggunakan ukuran jumlah atau frekuensi, sedang kualitatif lebih memperhatikan karakteristik, kualitas, keterkaitan antar kegiatan* (2010). The researcher chooses descriptive quantitative method because she needs quantitative to determine the frequency and percentage of each errors and also to know the most common of spelling error, whereas the descriptive to describes what are the spelling error in students writing. The researcher tries to show the student’s error while writing sentences, words and identify the correct or incorrect words with numerical data, graphics, or table and equipped with explanation. This research is settled by collecting and analyzing data through some research techniques. Then, it will be followed by the description about student’s spelling error areas in their writing. On the other hand, the researcher calculates the errors, give the correction

on the errors. In concluding the research, the researcher uses deductive approach. Deductive approach is concerned with developing a hypothesis based on existing theory, and then designing a research strategy to test the hypothesis or it means from the general to more specific.

## **B. Research Setting**

This research conducted at SMPN 2 Aluh-Aluh. This school is located on Jambu Raya Street, Beruntung Baru, Banjar regency, South Kalimantan. The researcher began this research in Wednesday, May 12, 2017. The researcher hold the written test and interview in gathering the data to build this study for the second grade students.

This school is chosen by researcher because as the only one of junior high school at Beruntung Baru subdistrict, it should have the good quality to teach the students. Based on this reason, researcher interest to conduct her research to know and understanding the students ability, especially in spelling to write the English words and sentences.

## **C. Subject and Object of The Research**

### **1. Subject of The Research**

The subject of this research is second grade students at SMPN 2 Aluh-Aluh. There are two classes which consist of 46 students with 19 male students and 27 female students. According to Arikunto if the total subject of

the research less than 100 people, the researcher is better to take all of subject and the research is called population research (2008, p. 116). Based on that statement, the researcher takes the whole of students at the VIII grade as the subject of the research. For the detail, the total number of population can be seen in the following table:

Table 3.1 The population of second grade students at SMPN 2 Aluh-Aluh.

No	Class	Sex		Total
		Male	Female	
1.	VIII A	10	13	23
2.	VIII B	9	14	23
Total		46		

## 2. Object of The Research

The object in this research are the spelling errors category in writing with the all of kind of sub error for each category and the most common type of spelling errors in student's writing at the second grade of SMPN 2 Aluh-Aluh.

#### **D. Research Instrument**

##### **1. Test**

Test is used to collect the data about students spelling ability in writing. Students are asked by researcher to write sentences, words and identify the correct and incorrect spelling. There are 30 items that students should answer. It is divided into five items to writes down the words appropriate with the picture, 20 items to identify the correct and incorrect words and the last five items to make sentences. The time allowed for this test is around one meeting in teaching and learning process. After that, the researcher can make a list of student's spelling error with their categorization and correction. Then, the researcher can determine what is the most common student's spelling errors in writing.

##### **2. Interview**

Interview is used by researcher for getting more specific information from the subject research. This data intended for completing another data to make the result clearly. The interview hold to the English teacher with 10 question items. The researcher conducted this instrument for gathering the supporting data about students spelling error ability usually.

## **E. Data Collection Procedure**

After gathering the data, the researcher starts to do the analysis in order to reach the answer for research question in this study. The steps are as following :

### **1. Techniques of Data Collecting**

There are some techniques of data collecting procedure, they are as following:

#### **a. Editing**

This technique is used to examine all of the collected data to measure whether are complete or not. Editing data also includes selecting the data appropriate with research's need in her study from those which are available.

#### **b. Analyze The Spelling Error**

The researcher analyzed the errors that are found into particular type. It will be done by identifying the whole sentences and words that containing error. Researcher should check students answer every single one.

#### **c. Classifying The Errors**

The researcher classified students spelling error into Cook category which is covered omission, insertion, transposition and substitution.

#### d. Correcting The Spelling Error

To make the a good writing, researcher intends to enclose the correction with the errors in a table. It can make the reader easy to understand what are the error and also the correction.

#### e. Calculating The Errors

One of the aims this study is to know the most spelling error in students' writing. So researcher should calculate students error into percent to determine what is the most student's spelling errors in writing.

### 2. Schedule of Data Collection

The schedule of data collection can be seen as follow:

- a. Friday, May 12, 2017 : Meeting with teacher and discussing about the research.
- b. Tuesday, May 16, 2017 : Arrange the schedule to conduct the test
- c. Wednesday, May 17, 2017 : Hold the written test and interview the English teacher

## **F. Data Analysis Procedure**

To look for students spelling error and also determine which category of spelling error mostly found is student's writing, the researcher did the process of counting the frequency of errors. In this step, the formula that researcher uses in order to find the percentage of errors is that the frequency of errors in each category. It is divided by the total number of errors that is found and then, multiply into one hundred percent. The formula can be seen as follow:

$$\% = \frac{\text{The frequency of errors each category}}{\text{Total number of errors}} \times 100\%$$