CHAPTER III
RESEARCH METHODOLOGY

A. The Objective of the Study

The object of this study is reading text in *Scafolding English for junior high school* textbook. That is a textbook for eight grade of junior high school students published by *Pusat Perbukuan Pendidikan Nasional* in 2008. This is the latest published book from *Pusat Perbukuan Pendidikan Nasional* before transformence into *Pusat Perbukuan dan Kurikulum Pendidikan Nasional* to As the curriculum for the eight grade of junior high school requires students to learn 3 types of text, and the writer select all those types to be analyzed. further, the writer takes 15 texts out of 30 as the representative of all reading types.

B. The Method of the Study

In this study, the writer use Descriptive Analysis method in which the writer attempts to analyze, elaborate, and describe the readability level of the selected reading texts in *Scafolding English For Junior High School Grade VIII* textbook. In addition, the writer also conducts a library research to find more references that support the data from the Descriptive Analysis method.

C. Time and Place of the Reaserch

To obtain the field data needed, the writer used cloze test in analyzing the reading text. The test was giving to the students in the eight grade of MTs Negeri 1 Serang, on August, 26-29 2016.

D. The Technique of Collecting Data

The source of the data in the study is all the reading texts in *Scafolding English for Junior High School Grade VII* textbook. It is 30 reading texts in descriptive, narative and recount text. Further, the writer takes 15 texts to be analyzed, those texts are selected as the representatives of all types of text in the textbook. In addition, as the writer conducts the Cloze Procedure Test, 32 students of the eight grade of MTS NEGERI 1 SERANG are also become the source of data.

E. The Instrument Of Study

The instrument of the study are the 15 reading texts taken from the *Scafolding English For Junior High School Grade VIII* textbook. These texts are randomly choosen by the writer. The writer uses Flesch Reading Ease Formula and Cloze Procedur Test. For the Flesch Reading Ease Formula, the writer counts the number of syllables, words and sentences of each text in http://www.countwordsworth.com/. The procedure in counting them is by typing the text in the coloumn in the website page.

For the cloze procedure test the writer deletes every 7th word in the text. Additionaly according to Heaton, the most favoured deletion words are the fifth, sixth and seventh.[1]

F. The Technique of Data Analysis

In conducting the data, the writer firstly select the textbook that is the used as the object of this study. After selecting the textbook, she

[1] William H. Dubay, *The Principles Of Readability* (Costa Mesa: Impact Information, 2004) p. 25

anylizes its content by finding the types and the number of text. then, the writer continues to select some reading text to be analyze in this study.

Hence, in anylizing the data, the writer uses the Flesch Reading Ease Formula. Firstly, she counts the number of sentences, words and syllables of each text. the writer then continues to look for the avarage sentence lenght (ASL) and the avarage number of sylables per words (ASW) of each text.

After finding the ASL and ASW, she attempts to find out the readability score by using formula :

Score = 206.835 –(1.015 x ASL) – (84.6 x ASW)

Further, after finding readability score of each text, she determines the readability level and reading grade of the text by using reading ease scale of Flesch reading ease formula.

The Reading Ease Scale Of The Flesch Reading Ease Formula

Reading Ease Score	Style Description	Estimated Reading Grade
90-100	Very easy	5th grade
80-89	Easy	6th grade
70-79	Fairly easy	7thgrade
60-69	Standard	8th and 9th grade
50-59	Fairly difficult	10th to 12th grade
30-49	Difficult	13th to 16th grade
0-29	Very difficult	Collage student

In addition, the writer selects some text that are bacically suitable for the eight grade of junior high school students and attempts to find out the texts' reading dificulty level by using cloze procedure test. The test is made by using the texts that are deleted between every 7th word, then the students are asked to complete them with the words provided in a list box.

After distributing the test, the writer counts the students correct answer and finds out the percentage of the students' right answer of each by using the following formula:

$$\frac{frequence\ of\ the\ right\ answer}{25} \times 100\%$$

After finding the percentage of the right answer the writer find out the readability level using cloze procedur test. The formula as follow:

$$p = \frac{f}{N} \times 100\%$$

Then after finding the percentage, the writer determines the texts' reading dificulty level by refering to judgement of the Cloze Procedure Test score:

The Judgement Of Cloze Procedure Test Score

No	Percentage of correct answers	Score judgement
1	Over 53%	*Independent Level*
2	44% - 53%	*Instructional Level*
3	Up to 44 %	*Frustational Level*

Finally, After the counting was finished, the writer clasify the answer from cloze procedur test into a class of words in the hope of explaining the part of speech that is caused the low readability.