CHAPTER II

REVIEW OF RELATED LITERATURE

This chapter discusses about short review of related literature, Vocabulary, Test, Developing Vocabulary test, Hot Potatoes Software, English for the fifth grade students of Elementary School.

2.1 Vocabulary

Based on Webster World dictionary, vocabulary is all the language and word either used or understood by a person or group of people. Subsequently, based on Harmer (p. 18) what a word means is often defined by its relationship to other words. Vocabulary is important to improve the skill of English like speaking, listening, reading and writing.

The student, who can master the vocabulary well, can develop their English skills well too. Indonesia is one of country in Asia that uses English as foreign language. It means that the students rarely apply their English ability in daily life. They just apply it when they study English in the school because English as one of their subject or examination to next level or universities which give requirement in TOEFL score. Because of that we need interesting test vocabulary to test student's ability as basic to know the students knowledge in English.

Based on SLC Association of RMTI University (2007) stated that increasing your vocabulary can benefit your academic studies in a number of ways. It can help you: 1) get through the reading you have to do much more quickly, 2) express you more effectively in both written and spoken English, 3)

improve your marks in exams and assignments, 4) give you confidence that you are actively engaging with your subject, 5) connect you to the community surrounding your subject area. It means that there are so many advantages if the students can master vocabulary well.

2.2 Test

According to Oxford Dictionary at fourth edition (2008), test is examination of a person's knowledge or ability: intelligence. Additionally, Terry Overton (no year) opinion that test is a method to determine a student's ability to complete certain task or demonstrate mastery of a skill or knowledge of content. Some types would be multiple choice tests, or a weekly spelling test. While it is commonly use interchangeable with assessment, or even evaluation, it can be distinguished by the fact that a test is one form an assessment.

Based on Harmer (p.321), there are four categories of test one of them is proficiency test that give a general of picture of a student's knowledge and ability. They are frequency used as stage people have to get, if they want to be admitted to a foreign university, get a job, or obtain some kind of certificate. According to the statement that test is important in education. If there is learning must there is testing. Because a test is a way to know and measure what is the students got after learning activities. So the teacher can conclude whether the teaching activities success or not.

2.3 The Vocabulary Test

The researcher discusses about the definition and the important of vocabulary test as follows:

2.3.1 The Definition of Vocabulary Test

Based on Hughes (1989:146), any doubts about the advisability of testing grammar apply equally to the testing of vocabulary. Clearly knowledge of vocabulary is essential to the development and demonstration of linguistic skills. But, it does not necessarily mean that should be tested separately. According to the statement above the testing grammar is different with testing vocabulary. Testing vocabulary is a way to know student's ability in English material which has learned.

In Ivana Pavlu's study (2009:18), she mention and explain the types of task of testing vocabulary, those are: multiple choice, close test, dictation, true/false, questions and answers, gap-filling, transformation, rewriting, matching, error correction, essay, translation, rearranging words and information transfer. According to the types of testing vocabulary, the researcher only use some of types above which will describe more specific below.
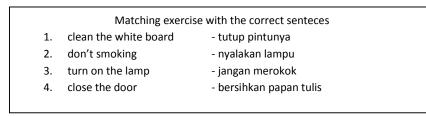
a. **Multiple Choices**

This is a question which consist of a so referred to stem and three or four options from which only one is correct. For example:

He thought me of …lies.
a.   Speaking
b.   Saying
c.   Telling
d.   Talking

Hughes (p.60) said that in multiple choices the chance for guess the right answer is about 33% which means that from 100 questions someone is able to guess about 33. The result is the teacher cannot be really sure if the student has mastered the curriculum.

b. Matching Test

Based on Scrivener in Ivana Pavlu (p.23) said that matching test has two groups of words which make sense somehow. They are especially good for practicing vocabulary such as adjectives of opposite meaning. For example:

Matching exercise with the correct senteces	
1. clean the white board	- tutup pintunya
2. don't smoking	- nyalakan lampu
3. turn on the lamp	- jangan merokok
4. close the door	- bersihkan papan tulis

These are some types of Vocabulary Test which would be developed in Hot Potatoes (J-Quiz and J-Match) by the researcher.

2.3.2 The Importance of Vocabulary Test

Based on Heaton in Ivana Pavlu (2009:8) stated that the teacher's reason to test the student's vocabulary divides into some categories: 1) Finding out about progress, 2) Encouraging students, 3) Finding out about learning difficulties, 4) Finding out about achievement , 5) Placing student, 6) Selecting Student's, 7) Finding out about proficiency. According to the statement, we can understand about vocabulary test is very important to develop the knowledge of students in the future.

2.4 Developing Vocabulary Test

Hughes (1989:147) stated that the learning of specific lexical items in class will rarely depend on previous knowledge of other, specified item. One alternative is to use a published test of vocabulary. The other is to construct one's own vocabulary proficiency test. So the young learner learn vocabulary word by word

like lexical (word referring to thing) that usually they memorize word by word. Sometimes, the materials of testing vocabulary are monotone in questions and answer orally. The students asked by the teacher to translate the words or sentences from Bahasa to English or English to Bahasa. It makes the students be bored and lazy to learn or test their English Vocabulary proficiency.

Because of the reason, the researcher wants to develop vocabulary test become an interesting vocabulary test use media that was exist in the school like computer. Currently, computer is the electronic media common in education area. Harmer (p.147) stated that language teaching packages, often supplied on CD ROM, offer students the chance to study conversation and text, to do grammar and vocabulary exercise, and even to listen to text and record their own voices.

2.5 Hot Potatoes

This program is a computer program developed by Half-baked software. This program is used to develop a web-based test form. This program has a program which forms 5: J-Quiz, J-Match, J-Cross, and J-Mix. In addition is J-masher (Arimurti, 2009).

A trend which will almost certainly gather pace is the attachment of CD-ROM-based packages to accompany course books, full extra input material and exercises. Some to these will be available, too on internet (Harmer: 147). According to the statement the researcher think that the Hot Potatoes Program will be a program of vocabulary test which interesting and fun for the students because the ways of operating the program is simple and easy. Appropriate for the fifth grade students that were given computer subject.

2.5.1 The Uses of Hot Potatoes in Vocabulary Test

This program has a program which forms 5: J-Quiz, J-Match, J-Cross, and J-Mix. In addition is J-masher (preview), it will explain more below:

1. **J-Quiz**

   J-Quiz to make the exercises more frequently based on questions that we call the multiple choices. This program can store unlimited questions. There are 4 models of questions: Multiple choice, Short Answer, hybrid, and multi-select. Specific feedback in the form of answers or comments can be given on the right side. The short answer question students can use the hint button to get a clue.

2. **J-Match**

   This program makes the form of match practice. List of questions will be raised in the left (can be text or image) with a random choice on the right. This program can be used to match words with pictures or in other words, or to sort the sentences into a unified model of conversation.

3. **J-Cross**

   J-Cross exercise used to create a crossword puzzle. There are two ways to enter data, namely: 1) enter the letters in the grid and then insert instructions. How to enter the letters simply by clicking each box and insert the letters. 2) By pressing the button "make the grid".

4. **J-Close**

   J-Close cloze procedure used to test or better known as a matter of stuffing. In this section, students complete all the blanks before checked. If all the blanks have been filled, students check button to mark the answer

that has been entered. Correct answers will be entered in the left box, so that students know the correct answer. If students will answer incorrectly, it will lessen the existing value. So the value depends on the answers that have been added before corrected. The researcher can enter the hint button, where students will be given help to answer the letter. This usage can reduce the value.

5. **J-Mix**

This program makes training arrangements shaped random sentences. Makers can correct many times as you like by making words and punctuation. The button "hint" given to help students get the help for the next word.

2.5.2   The Procedure Use of Hot Potatoes in Vocabulary Test

The implementations Hot Potatoes Software to test the student's ability in vocabulary have two steps, these are preparation and application.

Preparation

Before the students come in the computer lab, the teacher must check the computer's devices whether it ready to use or there are other devices that broken. In order, there is no interference during test activity. Then, install the program which applied in testing activities in computer.

Application

The teacher gives instruction about how to operate the software to the students. Before the students doing the test, the teacher remembers to them what the material that they learned in the previous meeting. The instructions are the first is turn on the computer, please!. The second instruction is choose the

program based on the teacher's instruction. The third instruction is choose which the test will do between multiple choices or matching test. The fourth instruction is the students allowed to ask in five minutes. The last is now, do the test!

2.6 English for 5th Grade Students of Elementary School

Language is a meaning of communicating with others. In this sense, it is covered all the way to communicate, where thoughts and feelings expressed in the form of oral, written, gesture, or painting. Elementary school age is a period of rapid growth of the ability to know and master the vocabulary. At the beginning of the child has mastered about 2,500 words, and at the end of the period of approximately 11-12 years of age the child has been able to control approximately 5,000 words (Abin Shamsuddin M, 2001 and Nana Syaodih S, 1990) in Iwandra's article.

The application of English language has profit wide importance around the world. It is being used as an international language for all sorts of communications. Therefore, it becomes necessary for a 5th grade student to learn this language properly and adequately. It means that English is very important to the students at elementary school as basic level to learn English, especially for the fifth grade students.

2.6.1   English at MI Ma'arif Sidomukti

Based on Nishida (1981: 81) the class based on the Elementary course of the study has been implemented in Elementary and Junior High School since April 2002. It means that English activities can be done as a part of the learning process related to international understanding within the period for integrated study at the elementary school level. English at MI Ma'arif Sidomukti has learned

since 1ˢᵗ grade. Therefore, in 5ᵗʰ grade the students possible understand more the vocabulary. However, English at MI Ma'arif Sidomukti only as local content but English as important subject to the students, because the students need English to update development of education in global era.

2.6.2   English for 5ᵗʰ Grade of MI Ma'arif Sidomukti

The headmaster of MI Ma'arif Sidomukti said that at the fifth grade of MI Ma'arif Sidomukti are consist of 79 students, they divided in two classes. Every class consists of 39 and 40 students. The school has computer lab, it has ten computers. The computer lesson is one of material extra that many students join it. English in MI Ma'arif Sidomukti only as local content which the curriculum and the syllabus based on KTSP 2006. Based on the statement above maybe English and computer lesson become interesting lesson if they combined in one program.

2.7   Review of Previous Study

The researcher reviews the previous study to avoid imitation. This study is designed to develop of an English vocabulary test by using Hot Potatoes Software especially in J-Quiz and J-Match. The study conducted the vocabulary test in computer based. The result of developing English vocabulary test is in form of multimedia in CD-ROM. The previous studies that almost related with the study are explained more below.

The first study was conducted by Dian Kurnia Oktaviani (2008) with title "Developing English Vocabulary Material Using Call Instruction On the 3ʳᵈ Grade Students at SD Muhammadyah Manyar GKB a Proposed Design". The writer presented the vocabulary material based on the computer, especially in CALL

(Computer Assisted Language Learning). For the elementary students, vocabulary is the necessary lesson to improve the student's skill in speaking, listening, reading and writing. The problem of 3rd students at SD Muhammadyah Manyar GKB is they often forget the vocabulary in previous meeting. Because of the problem, the writer developed the vocabulary material in CALL instruction related with the syllabus. Moreover, computer is a media which common in used. The result of the study is a product of vocabulary learning in multimedia CD ROM.

The second study was conducted by Anita Rachmawati (2012) with title "Developing Vocabulary Material Using "Longtion Autorun" for the 4th Grade Students of Elementary School". The problem of the study is the students often forget the vocabulary in previous meeting because the material is not interesting. Because of the reason, the writer developed the material in Longtion Autorun. The advantages of developing vocabulary material using Longtion Autorun are the students good at memorize the vocabularies using picture and sound.

The third study was conducted by Sovi Oktavianti (2013) with title "Developing English Vocabulary Material by Using J-Cross Program for 8th Grade of MTSN Gresik". The reason of writer to develop the English vocabulary material at MTSN Gresik is vocabulary is the most important thing in learning language to improve in basic skills; those are listening, reading, speaking and writing. The purpose of the developing study is to increase student's vocabulary understanding, and the result of developing English material was in the form of *html* in CD-ROM.