

## **CHAPTER II**

### **REVIEW OF RELATED LITERATURE**

#### **2.1 Vocabulary**

##### **2.1.1 The Definition of Vocabulary**

According to Long and Richard ( 1987:45 ) state that vocabulary and grammar are essential components for language use. By using vocabulary, people can use the skills of English, they will understand the people speak, know the meaning of words from reading, know the message from listening and be able to write a literature. It also needs to understand the definition, the importance, and the use of words in particular context.

Based on Hornby ( 1974:978) Vocabulary is total number of words which make up a language. Every language has its own rules for combining the words into good order. A person can use vocabulary to communicate to each other or to deliver his ideas, feelings and thoughts. A language can be implemented as a communication tool through the use of vocabulary. Therefore, we can conclude that vocabulary is regarded as one of the basic tools in achieving the goal of English teaching and learning process.

To find the goal when teaching vocabulary, sometimes the teacher needs an interesting teaching method. This is in line with Krashen ( 1989 ) It is clear that vocabulary is an essential component to language learning, and we have the means to create specialized vocabulary lists for specific purposes.

But once we have a list of words, how best are they learned? One concern in the presentation of specialized vocabulary is that many vocabulary teaching methods are considered boring.

### **2.1.2 The Importance of Vocabulary**

According Deighton ( 1971 : 61 ) who states that vocabulary is the most important components of language power in using the language. Students who have many vocabularis will be succesfull in mastering the skills , but those who are poor in vocabulary will get trouble on those skills. From this statement we can take the conclusion that the students who have most vocabulary will master all of the skills.

Myers ( 1993:150) states that the reason of large vocabulary mastery is important to enhance the knowledge and the ability to make accurate distinction. This statement make the conclusion that english is important, because the student can understand the meaning from one language to other language when they can understand the vocabulary itself.

### **2.1.3 Types of Vocabulary**

According to the process of getting a language, vocabulary can be divided into two, receptive vocabulary and expressive vocabulary. Receptive vocabulary is vocabulary that one acquires in learning a language.

De Gregory (1971:61) said that there are two kinds of vocabulary. They are : content / lexical words and function words. Content/lexical words are words whose meanings are stated in dictionary and often states in definition synonyms, antonyms, and contextual explanation. They consist of noun, verb, adjective, and adverb. While the function words is some lexical unit of words that are used to express grammatical function. They consist of interrogation, preposition, determiners, and so on.

## **2.2 Developing Material**

There are many materials which are usually developed by the researcher. Based on Brian Timlison ( 2012) stated that materials for language learning will be taken to be something that can be used to facilitate the teaching learning of a language, such as coursebooks, videos, flash cards and games. The most of the literature focuses on printed materials. In this case, the researcher takes the 4<sup>th</sup> grade students of primary school as the subject and they still like playing that related with the games, picture, singing, story, watching movie.

It is used efficiently and simply by using one set of computer which does not use printed material.

According to Suyanto ( 2004 : 5 ) in Oktaviani ( 2008 : 9 ), learning new language ( foreign language ) is a traumatic experience for children so that to avoid it, the teachers need to think the way to make them feel enjoyable and happy. Because they are still children who still like to have fun, so that the material which is developed must as fun as possible so that they will not bored and always want to learn language especially English. As we know that English is as foreign language for the students. They are still new for knowing the language. So, the teacher should give one way to the student to learn English step by step in order they are not started to speak the language and to learn English itself.

There are three instruments that is used to develop the material the first is for gathering the data such as : interview, it is given to the teacher in order the researcher knows what the students and teacher need. Then, questionnaire, it is given to the students at 4<sup>th</sup> grade to find the validity information and to find the same information from the students and teacher. The second instrument is the checklist that given from the expert to measure the validation of the product. The third instrument is gather data after giving student's test or try out score and questionnaire.

After gathering data, the researcher collects the material, then finally find three topics, they are : greetings, ordinal number,days

and month and body parts and describing physical appearances. The reason to use those materials are the researcher can take one theme from those materials that is our self. From the greetings section, the student can introduce their name, their address, then in the ordinal number, days and month section the students can introduce their birthday and in the last section that is body parts and describing section, the students can describe them self, so this material development can be taken into one theme that is Our Self. There are some comprehensible materials that is used in this development such as : drilling section, matching and cross word. In the last section, there will be some review tests of those materials to measure the students.

Those materials are developed using adobe acrobat reader x and it is formed in PDF ( Portable Data Format ) Files. Here, there will be two kinds of PDF models, the first is Portofolio PDF files and the second e-book PDF files. And the researcher uses the second models to make the students easy for learning english using computer. In the e-book PDF formed, the researcher will develop the material as easy as possible in order the students understand to use the material. There are some buttons that is used in this development. First buttons are used to bring the students to the next page, second buttons are used to play the sound in the drilling section, third buttons are used to play the video, fifth buttons are used to bring the students to do some review test inthe Call Term.

The students follow the instructions to bring them serve this development.

### **2.3 Computer Based**

The integration of computers in education has been discussed widely and much attention has been devoted to the role of computers in the classroom especially in finding a better way to implement effective ways to incorporate computers in the classroom.

Technology in the classroom is believed to help teachers to support influence them in teaching learning process (Muir-Herzig, 2004).

In the second half of the 20th century, education technology has been developed become one of the most technology, the areas that had chosen, such as Computers, which have entered the school life in the late 1950s in developed countries, and they are still developing day by day throughout the world (Nazh, 2005). Today, computers have more variation, easier to use, more interesting and efficient. They can process one or more data. Newby et al. (2000) argued that when the computer-based learning environment is implemented in classrooms, there is a need for the modification of educational goals. The modification it should be more attractive and easy to understand in order the student can comprehend the vocabulary interestingly.” Micro computers are used as place for processing some complements and the audio facilities, and make the interactive teaching of all four language skills reading, listening, speaking and writing”. (Crystal, 1987: 377) it should be flexible

when the teacher can modified the material based on four skills to be one simple media.

Nazh ( 2005 ) stated that Today, there is big amount of foreign language materials beside the traditional grammar book and dictionary.. In this reserch, the researcher blends some applications in the integrated call to be one set of learning media that is PDF ( Portable Data Format ) The applications are : Adobe acrobat Pro X, CALL ( hot potatoes and Adobe Audition ), adobe photoshop and adobe audition.

### **2.3.1 Adobe Acrobat Pro X**

Adobe Acrobat is a set of application software developed by Adobe Systems is used to show, create, edit and develop new media that is formed in Portable Document Format (PDF files).( [www.wikipedia.com](http://www.wikipedia.com) ). It can bring a set of applicatons in one unity, so it is looked simple and efficient for developing the material. According to Jenny Crisp ( 2011 ), the advantage of adobe acrobat pro X is the system which friendly for example, instead of using up multiple file cabinet drawers, everything can be contained electronically on a single CD. There are many variations in adobe acrobat pro X, you can create the video playback, the sound from sound application and give comments to the test directly. Adobe acrobat pro provides some programs what the developer needs so it is depends on the creativity of the developer.

There are many toolbars that are had by adobe acrobat such as Tools, Comment, and Share, but here, the researcher only uses Tools because this development is related with that toolbar. Some features that are used from the Tools, they are : pages features, content features, forms feature and action wizard. In the page features, the researcher develops the file by using crop feature to cut the picture and edit page design to eidt the background of the page. In the content features, the researcher develops the material by using attach a file feature to enter the file from CALL, edit text and object feature to edit some texts that is used to edit the document, add or edit interactive object feature to fill the sound, video and to connect from one page to another by using link feature. In the form feature, the researcher develops the material using form feature to edit the PDF from one to another by using edit feature. In the action wizard, the resercher uses soem feature to give new action and edit the action by using create new action and edit action. Last feature that is used is comment, here the researcher uses the feature of annotations to add some PDFs and also recording the audio.

Here, some steps that can be used by the reader to use the development.

1. Downloading Adobe acrobat Pro X

Find the Adobe acrobat PRO X by downloading from the material in the [www.adobe.com](http://www.adobe.com) , then choose product find

acrobat and find the file of adobe acrobat Pro X. The researcher choose adobe acrobat Pro X because this software is completed by some features that has been revised from some versions such as : version 1.0, version 2.0,version 3.0, version 4.0, version 5.0, version 6.0, version 7.0, version 8.0, version 9.0, version 10.0,and the newest is version 11.0, but here the researcher uses adobe acrobat 10.0 et from the can be used to the computer that is programmed in the windows XP,windows vista and windows 7. And it will be easy to program that software in each computer. it is formed in winrar archive then open with extract file so the files will be opened after that choose application type then install the file.

1. Installed the file to the computer

After getting the application by running the program and the readers just follow the instruction for installing the file. Until it is completed.

2. Open the file by using adobe acrobat pro

Here, that should be known by the reader. There are two applications that can be used to read PDF file but the reader must choose adobe acrobat not adobe reader. Because this application is so different. If the readers opens adobe reader they can only read but if they open adobe acrobat, they not only can read but they can listen, watch and do soem exercises.

3. Follow the steps from the instructions.

After opening the instructions, the readers follow the instruction from the PDF file, so they can use the development well.

### **2.3.2 CALL**

CALL or Computer Assisted Language Learning is a kind of process in learning language which uses computer as the media. It has developed over the last 30 years and been actively applied to second language ( L2 ) but it has come out in the early 1980s. According to Warschauer & Healey (1998) in khamkhin ( 2012 ) suggest that CALL can be categorized based on three teaching methodologies in ELT: behavioristic CALL, communicative CALL, and integrative CALL. Behavioristic is known as the first step that was introduced in the 1950s and it was implemented in the 1960s when the audio-lingual method was used in language instruction.

According to Warschauer (1997). In this side the computer provide the language including the grammar taught implicitly rather than explicitly. The students should create the originality and flexibility in the output . The computer in this part used to be stimulus of students discussion and the writing through role play.

Integrative CALL, the third phase of CALL, started in the 1990s. As described by Warshauer & Healey (1998), integrative CALL was developed to try the communicative approach by

integrating four language skills (speaking, listening, writing, reading )

## 2.4 Previous Study

The previous study was reviewed in order to avoid imitation. The first was conducted by James A. Kulik, Chen-Lin C. Kulik, and Robert L. Bangert-Drowns with the title “Effectiveness of Computer-Based Education in Elementary Schools “. they explained that The use of computers in teaching is nonetheless a difficult subject to bring into focus. There were two research problems based on this material they were : How effective is computer based teaching at the elementary school level? And Under which conditions does it appear to be most effective?.

The second study was conducted by Dian Kurnia Oktaviani with the title “ developing english vocabulary material using call instruction on the third grade students sd muhammadiyah manyar gkb”. They often forget if the teacher asked them again vocabularies at previous meeting. Because of the reason the writer try to develop vocabulary material based on the syllabus of the school in the form of multimedia CD – ROOM.

The last study was conducted by Dewi Aisyah with the title “ Developing Video tutorial for young learners in madrasah ibtidaiyah poemusgiri gresik”. She explains about developing english for 1st grade of elementary school. It is nearly the same

with the first case that the students often forget if the teacher asked them again about vocabulary in the previous meeting and they were confused and did not know how to answer when their teacher asked to them.

These all studies above are almost the same. The difference from the present study can be seen from the research problem, subject of the study, the tool and strategy to develop material of English vocabulary. Here, the researcher will conduct the thesis with the title *Developing vocabulary material using integrated call for elementary school*. And it will be developed by the researcher by using some applications which are formed in the integrated call.