

CHAPTER III

RESEARCH METHOD

This chapter discusses several things such as research design and step of applied Research (Developing Research). Those things were very important for researcher in conducting the study and obtaining the empirical the results of the study.

3.1 Research Design

The design of this study is Research and Development (R&D) Study. It is because the study is designed to develop the English vocabulary material which can be applied in real education. The end of the study, the product will be in form of teaching material (book) and the content of book consist of pictures, story, game and songs to increase the students ability in develop vocabulary.

For developing material, the researcher must pass some steps. There a lot of instructional development models. One of them used ADDIE Model adapted from Steven J McGriff.

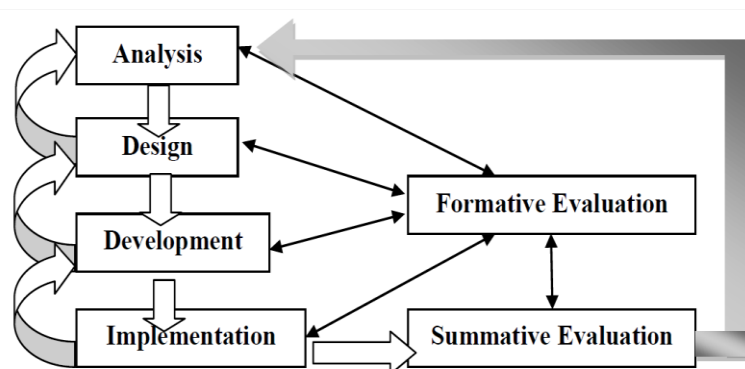
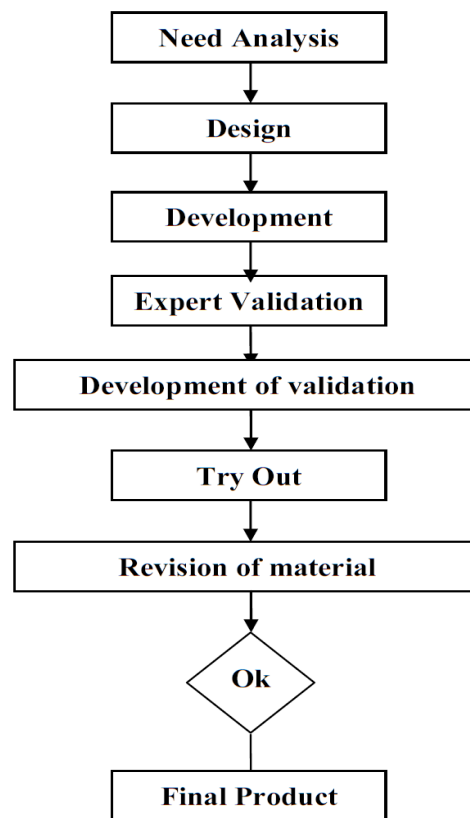


Figure 3.1 Steven J. McGriff's ADDIE Model
(http://www.e-learningguru.com/articles/art2_1.htm)

From the flow steps of Steven J. McGriff's ADDIE model, the researcher modifies the steps to conduct the research with adding an expert validation steps. It is because the researcher is not the expert one so that to measure the validity of the development product, the researcher needs an expert validation from the expert researcher and teacher of the study. Then the researcher tried to use model of Steven J. McGriff's ADDIE Model that was modified by Dian Arimurti (2007) in Dian Kurnia Oktaviani's Thesis (2008).



Modified ADDIE Model

This model of research will be used in this development study; it will be explained in the procedure of developing English vocabulary material for student in fifth grade at MI TARBIYATUL HIDAYAH .

3.2 Instrument of Data Collection

The researcher uses some instrument in collecting the data. First, interview will be done with English teacher of fifth grade in MI TARBIYATUL HIDAYAH and give questionnaire to the students. Second, checklist has been given to the expert. The last, questionnaire will be given to the students before and after they get the material so we can measure the understanding level of students vocabulary ability and their motivation on learning process

3.3 The Procedure of Developing English Vocabulary Material

3.3.1 Need Analysis

Need analysis is really important to make a good material for the student. In need analysis, we conduct an observation to figure the problem that is faced by the student. The observation will be done by interviewing the teacher. The researcher will give interview sheet to the teacher. The interview sheet content about finding the general performance of the fifth grade student in MI TARBIYATULHIDAYAH, material that is used, the problems of teacher, and the teacher ways to improve their students' vocabulary mastery.

3.3.1.1 Target Needs

The subject of this study is fifth grade at MI TARBIYATUL HIDAYAH. It means that the students are between 10-12 years old. According to Piaget's theory, the students in this group age are in the stage of formal operational or they have been able to think abstractly so that they can solve their problems.

The researcher gives questionnaire to the students to know the target needs in learning vocabulary. Then, the researcher should know the syllabus, coursebook, and the material taught should be matched. Curriculum in first semester included of three topics, those are hobbies, food and drink and daily activity.

According to the result of questionnaire, the problem found that the students got difficulties in memorizing some vocabularies, although the teacher had taught the previous meeting. The researcher hope although developing vocabulary materials to make new book with the students become more interesting and easy memorizing some words and enjoy to learning vocabularies.

The researcher tries to find the vocabulary for each topic by seeing vocabulary based on syllabus and book. So, the researcher makes lists some vocabularies that possible to be used, be taught, and useful for the students.

3.3.1.2 Learning Needs

According to Hutchinson and Waters (1993), analyzing learning need is important for the teacher to get information about the learners in order to facilitate them well and it will stimulate, motivate and arrest learners' attention in the teaching and learning process.

The important thing when doing observation and analysis is syllabus. Syllabus is a set of teaching tool; it consists of the material use, resources, time needed, learning experience, etc. The researcher will develop the material based on the syllabus and curriculum 2006. The researcher used syllabus which has been already used by this school.

The material could be useful for the students to master vocabulary. That is why the researcher tries to find the most coming up issue in elementary school by giving questionnaire to the students. From this way the researcher knows that students like if they learn with game, fable stories and song. The researcher tries to make some variations that can be done in the classroom. The variation is one of the major factors in teaching learning process that can motivate and interest the students to learn English vocabulary. So it can't the students' feels bored to learn it.

3.3.2 Design Instruction

The design is built based on need analysis of the students. The researcher will develop vocabulary material. The book have colorful, many pictures, game, has fable story and songs. So, it can be students more interest and enjoyable to learning vocabulary. The researcher designs the material development especially to help the fifth grade student in vocabulary mastery.

Here is the design of material deveopment vocabulary. The researcher will develop three topics in the first semester, these are hobbies, food and drink, and daily activity.

The writer tries to make planning of the material according to the syllabus, and the syllabus already used from the school. **See Appendix 3**

3.3.3 Developing Material

The writer expects by developing vocabulary material, it can make student more interesting to the learning process and make student understand to learn vocabulary with the content of book consist of some game and songs and full

color, so it can be students enjoyable and fun to learn English Vocabulary with many activity in their books.

The design of this study is developmental study. In the end of study, the product of this research is a book which is implemented at MI TARBIYATUL HIDAYAH.

3.3.4 Expert Validation

After the materials is finish, it should be validated to the expert.

The experts will get a checklist of courseware. There are two experts validations; the English teacher of the school and the Advisor in English Department in University of Muhammadiyah Gresik.

The function of the first expert validation is checking material with the curriculum and syllabus. The function of the second expert validation is checking the instructional of the material.

3.3.5 Development of Validation

When the expert validation is finish, the researcher will see the comment and suggestion. It is to improve the product to be better. From those comment and suggestion the researcher know whether the material needs to improve, revise, add, or delete.

3.3.6 Tryout of Material

After finishing the material development, the researcher will try out the material to the fifth grade students of MI TARBIYATUL HIDAYAH. The researcher takes six students randomly and the teacher helps the researcher to do the try out.

3.3.7 Revision of Material

After doing the try out, there would be some revisions that should be done to make this product ready to be applied. The revision was done based on the expert suggestion.

3.3.8 Final Product

After doing revision, the final product is book which it implemented at MI TARBIYATUL HIDAYAH. This material would be ready to be taught to students.