

CHAPTER III

RESEARCH METHODOLOGY

In this chapter, the writer discusses about research method, procedure of the research, subject of the research, data collection technique, instrument, and data analysis technique.

A. Research Method

In this study, the research method conducted with descriptive qualitative method. Descriptive method is various common elements which mixed and matched to particular researcher's interest (Strauss and Corbin, 1998). Moreover, Harwell (2011) explained that the focus of qualitative research methods into discovering and understanding the experiences, perspectives, and thoughts of participants-that is, qualitative research also explores meaning, purpose, or reality.

Based on the idea above, the writer chose descriptive qualitative method, because its provide an accurate description of picture or characteristics of situation or phenomenon (Johnson & Christensen, 2008). The writer wanted to describe the teaching method and learning media that used by teacher in developing the teaching material in teaching vocabulary especially for eight grade students of junior high school. Therefore, the writer tries to design the teaching material development using discovery learning assisted with English short story as learning media in this study.

B. Procedure of The Research

In this study, the writer used research procedure by Jolly and Bolitho cited in Tomlinson (1998) on developing teaching material for teaching vocabulary using discovery learning method with English short story as learning media. The research procedure consists of five steps, namely: *(1) conducting needs analysis, (2) designing, (3) developing the materials (writing the first draft of the materials), (4) expert judgments, (5) final draft.* Each step is explained as follow:

1) Conducting Needs Analysis

The first step is analyzing the teaching materials that were used before on teaching vocabulary at eight grade students of junior high school. The purpose of this step is to determine and define the teaching material requirements. Also its aimed to collect the relevant information that obtained from interview with an English teacher and analyzing two previous studies that dealing with the teaching materials that were used on teaching vocabulary for eight grade students of junior high school. This collected data would be the first ground to decide whether the design of teaching material development is really necessary or not.

2) Designing

The second step is designing, it is aimed to design the teaching material development. After collecting the data needed and any information from the first step, then the writer used those for designing the teaching material development. The writer tried to design a good teaching material in order to help the teacher in teaching vocabulary and also help students in enriching their vocabulary mastery. Discovery learning method assisted with short story as learning media was designed in this step.

3) Developing The Materials

The third step is developing. In this step, the writer was developed the discovery learning lesson plan and syllabus that adjusted with curriculum 2013. And the materials in this lesson plan was developed with using short story as learning media for teaching-learning process on teaching vocabulary.

4) Expert Judgment

The next step is gaining judgments or feedbacks about the teaching material development from experts' validations through the feasibility test. It aims to see if there are some aspects needed to be revised in the term of (a) material or content; (b) presentation of material; (c) the suitability of the material with the characteristics of students; (d) legibility; and (e) language. The result will be used as the base of final draft. The experts are both of the writer's supervisors and an English teacher who are capable in judging teaching material development.

5) Final Draft

The revision of the teaching media used was done after it had been validated by the experts. This step aimed to improve the quality of the teaching material used especially its lesson plan. In revising, the writer had to really consider the experts' feedbacks. Probably, in some aspects of product needed to be revised. In this case, the writer had to start to redesign or develop the teaching material well as final draft.

C. Subject of the Research

The subjects of this study are an English teacher who taught eight grade students of junior high school and also as the validator in this study. Then, both of the writer's supervisor in this study as the validators for the feasibility of the development plan on teaching material for teaching vocabulary by using discovery learning assisted with short story as learning media.

D. Data Collection Technique

The technique of collecting data were through four steps, namely:

a) Interview

Interview is conducted online to English teachers. It was conducted to find out the application of the learning model that had been carried out so far by English teacher itself.

b) Literature Study

This technique is review and compare two previous studies that have topics or titles that are relevant to the teaching material being developed. The study of the two previous studies are also describing the conclusion of the advantages and disadvantages of the teaching materials that used on both studies.

c) Designing Learning Materials Development

This technique is the process of teaching material developments, there are finding and designing solutions that can be alternatives to solve the weaknesses or deficiencies that have been found previously on the result of interview with English teacher and analyzing the previous studies.

d) Feasibility Test

After designing the teaching method and learning media developments, then validating the feasibility of the teaching material that have been developed through judgment from experts.

E. Instrument

In order to collect the data, the writer uses three instruments. All of those instruments are described as follows:

a) Interview

The writer used interview to answer the first research question in this study. On this technological era, the writer used one of online meeting application for conducting online interview with an English teacher of eight grade students in junior high school.

b) Literature Analysis Form

Literature analysis forms were used for answer the second research question. It was adjusted with five aspects that will be analyzed for the teaching material developments. Those five aspects including: (a) material or content; (b) presentation of material; (c) the suitability of the material with the characteristics of students; (d) legibility; and (e) language.

c) Feasibility Test

This instrument is used for answering the third research question. Feasibility test are adjusted with five aspects of the teaching material developments, including:

(a) material or content; (b) presentation of material; (c) the suitability of the material with the characteristics of students; (d) legibility; and (e)

language. It is aimed to obtain the judgments or feedbacks from experts. In this study feasibility test conducted toward to three experts, there are: Mr. Dasep Suprijadi, M.Pd. as the first supervisor. Mr. Hendra Husnussalam, S.S., M.Hum. as the second supervisor. An English Teacher

F. Data Analysis Technique

According to Miles and Huberman (1994:10), analysis can be define as consisting as three current flows of activity that is data reduction, data display, and conclusion.

1) Data Reduction

Data reduction refers to the process of selecting, focusing, simplifying, abstracting, and transforming the data in written up field note or transcript. The process of reducing and summarizing are from the result of online interview with an English teacher and reducing two previous studies by focusing on things that are considered important. In this process, conclusions are also drawn from the advantages and disadvantages of the teaching material that was used by English teacher and two previous studies with relevant teaching method and learning media used with this study. Then, those result are reviewed for designed the further teaching material developments and validated by experts' judgments.

2) Data Display

This part presented data that has been reduced.

3) Conclusion

At this part aimed to describe the answer of all research questions in this study.