

## **CHAPTER III**

### **RESEARCH METHOD**

#### **1.1 Setting of the Research**

The research was conducted at MA Negeri 1 Jepara. The location is on Jl. Bawu-Batealit Km.7 Batealit Jepara. The research can be conducted on 25 July 2017 until 25 August 2017. The researcher takes two from the tenth grade students of MA Negeri 1 Jepara as the sample. Especially in the X- IB grade and X MIA 2, the students are taught one time a week. The time divided into 2x45 minutes a week. The school is chosen because it has applied the School Based Curriculum 2013 which is suitable with the implementation of one the strategy of language teaching method that is *Think-Pair-Share*.

#### **1.2 Subject of the Research**

##### **a. The Subject of Population**

According to Mubarok (2015:31), population is a unit of the object or subject that has certain qualities and characteristics which are studied by the researcher then be deduced. All the subject of the research. If someone wants to know the research in one of the class, so that what the researcher was do is population research. It because the research in the class.

In this research, the population is the students in tenth grade of MA N 1 Jepara. The students of Class X IB which consisted of 30 students were selected as the subjects of the study. The subject of the study which total of 30 students in which consisted of 12 male and 28 female were considered to be representative enough for the purpose of this study.

##### **b. Sample**

If the research only take some of the population become a subject of the research, it can be called as a sample of the population. The specific definition of population is parts of the population that will be the object of the research.

In this study the writer took two classes as the sample, namely XIB and XMIA 2. Before the writer decided the experimental class and the controlled class, the writer checked the score of pretest of both classes. The scores of XIB and XMIA 2 were not too different but XIB had lower score. Because of this, the writer wants to know the ability of XIB after they get the treatment, whether they will get higher score than XMIA 2. Therefore the writer decided XIB as the experimental class and XMIA 2 as the controlled class. These classes have been treated with two different treatments. For class XIB is using effectiveness of think pair share as the experimental class and class XMIA 2 without any treatment (conventional method) as the controlled class.

### **1.3 Research Design**

The research design in this study is experimental design. Experimental design is preconceived plan for conducting an experiment. Mubarok, (2015: 87) describe that the experimental design is classified into three design, they are pre experimental, quasi-experimental and then true experimental.

From those types of the experimental design, the researcher will use quasi experimental, and choose one class pre-test and posttest as experimental group and one pre-test and posttest as control group. Quasi-experimental research involves the use of intact groups of subjects in an experiment, rather than assigning subject at random to experiment treatment. The researcher will use the quasi-experimental research because in this study the researcher will use all of subject in-group to get a treatment. It is done as a systematic approach to investigate and find the best solution to the students' problem faced.

The researcher will use a test as pre-test and post-test to be given to the students in experimental research. The test was based on the materials given in the class. The test items were concerned with reading. In this research, the researchers aim to find out the result of "The Effectiveness Of Think-Pair-Share Technique In Teaching Reading Recount Text: (A Quasi Experiment Study At Tenth Grade Students Of Ma Negeri 1 Jepara In Academic Year Of 2017/2018)." In this

research, the researcher will concern with the effectively of think-pair-share technique in teaching reading recount text. The researcher will use experimental to teach of reading recount text.

#### **1.4 The Instrument**

The writer conducted Lesson plan were prepared in order to have a clear description of what should be done in classroom. It provided a guideline for the teacher in conducting every steps of the planning. The scenario involved the activities that were conducted, time allotment, the teacher's approach and the material were used in teaching and learning process. The writer conducted the tests by using pre-test and post-test for experimental and control class. In this research the writer gave different topic for pre-test and post-test.

In the pre-test the topic is about "A Trip to the Zoo and Visiting my Village" and post-test the topic is about "Success Story and in Senior High School". For experimental and control class, they have the same topic to measure their achievement in test of reading even though they have different methods, for experimental class using effectiveness of think pair share and control class using conventional method.

The questionnaire and interview was given to the students in order to get respond towards the used of think pair share technique in teaching reading activity. Besides that, the questionnaire consisted of ten items, the response of the students in questionnaire were in the form of multiple-choice option. To avoid confusion, the questionnaires were written in Indonesian language. The answers of the questionnaire were quantitatively scored in total number of option chosen by the subject under study. The interview consisted of ten items, the students can exploring the views, experiences, beliefs, and motivations of individual participants are the aims of interview.

### **1.5 Method of Data Collection**

Data are pieces of information that can be something known in organizing form that refers to conditions, ideas, or objects. Data collection is the process of gathering and measuring information on targeted variables. In this research, researcher uses test, questionnaire, interview and documentation. Each method will be elaborated at follows: first, before the teachings were carried out, the students were given pre-test. These were conducted in order to find the initial reflection as well as to see the problem they faced. They were tested individually. Then, at the end of every unit lesson, or after the students were given treatment that dealt with using think pair share technique in reading recount text.

In collecting the data of the students' progress in learning reading after the technique applied, the researcher to make an evaluation by administering the post-test, given questionnaire and interview to students to find out the result of the action.

### **1.6 Method of Data Analysis**

Data analysis is an activity in reflecting the data of the quasi experimental. The reflecting steps used in analyzing whether the experiment success or not. Analyzing the data is the whole process of experiment. The researcher use descriptive analysis and score analysis in analyzing the data of the research. The score analysis is to know the effectiveness in teaching reading recount text. The score analysis consists of preparing the instrument of scoring, the tabulation of the data, and the summarizing of the data (Arikunto, 2013: 282). The students' score list was prepared by the writer. The formulation will be described as follows:

#### **1. Formula to Analyze the Test**

In this study, after we do some actions and implement the strategy, the researcher collect the data from the students using test. There are two kinds of test, pre-test and post-test. The data from test will be used to measure students' ability after being taught Think-Pair-Share. The mean scores of the result pre-test and post-test would be analyzed by the formula as follows:

$$M = \frac{\sum X}{N}$$

Where:

M = the mean score of students' achievement in reading

$\sum X$  = the sum of all scores

N = total number of students

The mean score of pre-test and post-test would show the progress of the students in reading recount text. The researcher would know whether the think-pair-share technique could be effectively or not in teaching reading recount text.

## 2. Formula to Analyze the Questionnaire

In this research the researcher collect the data from questionnaire. We use questionnaire to take the data from students. The data from questionnaire will be used to know students' interest in reading recount text by using Think-Pair-Share Technique. The data would also be analyzed descriptively as follows:

$$X = \frac{R}{N} \times 100\%$$

Where:

X = score in percentage

R = score of total items chosen

N = total off the all items chosen