

## **CHAPTER III**

### **METHOD OF RESEARCH**

#### **A. Research Methodology**

In this research, the researcher focused on improving students' understanding on simple future tense. Research methodology plays an important role in the research. The researcher used a classroom action research, as we know that classroom action research is a number of procedures that is used to improve teaching learning process in classroom. Usually it is used by teachers because they find some problems in the teaching learning process. And the result of test in every cycle will be measured. The score shows improving students' understanding on simple future tense.

According to kemmis and Mc Taggart, who are major authors in this filed, Action research typically involves four broad phases in a cycle of research. The first cycle may become a continuing, or iterative , spiral of cycles which recur until the action researcher has achieved a satisfactory outcome and feels it is time to stop.<sup>1</sup>

#### **B. The Research Instruments**

In this classroom action research, the researcher used two kinds of the instruments in gathering data. Those are observation and test.

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<sup>1</sup> Anne Burns, *Doing Action Research in English Language Teaching*, (new york: routledge), p.5

## 1. Observation

Observation is the activity of giving total concern to research object of the sense.<sup>2</sup> From the observation we have to know how far the understanding student about the lesson and we can see from individual students.

The purpose of observations is to explain the situation in class activities, individuals involved in some activities and relation between situation, activity, and individual.<sup>3</sup>

In conducting the observation, the researcher will use the observation scheme to make it more systematic, containing list of activity or happening which might happen. In this research, observation used to know how the improving students' understanding on simple future tense using song lyric.

## 2. Test

Test is a set of question and exercise used to measure the achievement or capability of the individual or group. Test of grammar is used to measure students' ability to manipulate structure and to distinguish appropriate grammatical form from incorporate ones.<sup>4</sup> From the test we to know the result understanding students, there are several test for student such as multiple choice and essay.

Arikunto explains that test is many questions or exercise or other apparatus that is used to measure skill

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<sup>2</sup>Suharsimi Arikunto, *Prosedur Penelitian: suatu Pendekatan Praktik*, (Jakarta: PT Rineka Cipta, 2006), p.149

<sup>3</sup>Bambang Setiyadi, *Metode Penelitian Untuk Bahasa Asing: Pendekatan Kuantitatif dan Kualitatif*, (Yogyakarta: Graha Ilmu, 2006), p. 239

<sup>4</sup>J.B. Heaton, *writing English language test: a Practical guide for teacher of English as a second language*, (London : Longman group limited, 1975) p.5

knowledge, intelligence, ability or aptitude of individual or group.<sup>5</sup> In this research the researcher used two evaluation test that has been given in the end of each treatment to know the students' score after they are taught by using song in learning present perfect tense. The researcher combined the test from several source related to the topic and used individual test to measure students' individual ability.

## **C. Population and Sample**

### **1. Population**

According to ZoltanDornyei“ The population is the group of people whom the survey is both.” The population of this research is the student at first year class of SMK PariwisataBanduluAnyer in academic year 2015-2016, which are chosen based on guidance of the institution. The research only requires one class. The population of research is the first year class of students in SMK PariwisataBanduluAnyer in academic year 2015-1016. They are 30 students.

### **2. Sample**

ZoltanDonyei said that, “ sampleis the group of people whom researchers actually examine.” “ the writer takes 30 students for sample, they are first year class A at SMK PariwisataBanduluAnyer.

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<sup>5</sup>SuharsimiArikunto, op.cit., p.139

#### **D. Place and Time of The Research**

The location of the research is in SMK Pariwisata Bandulu Anyer. This research was conducted on the second semester In the academic year of 2015-2016 for about 1 month February 2016 until march 2016. It was conducted in SMK Pariwisata Bandulu anyer, which was located on Jl.Raya Karang Bolong, Tambang Ayam, Anyer.

#### **E. Method of Data Analysis**

To analyze the data, the researcher will apply the following technique:

1. The data from observation

This research used observation guide to observe the classroom. In selecting an observation scheme, it is necessary to match the purpose of the research. The researcher used sharing and discussion about the material simple future tense to know students' participation.

2. Preparing question
3. Asking and answering question

The students' score is used to determine the level of their achievement in simple future tense. Scoring the right answer, the researcher used this formula:

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

S = students' score

R = the sum of the right answer

N = the sum of the item

To find the mean score, the researcher used the formula as follows:

$$M_x = \frac{\sum fx}{\sum f}$$

Definition :

$M_x$  = mean score

$F_x$  = the students' score

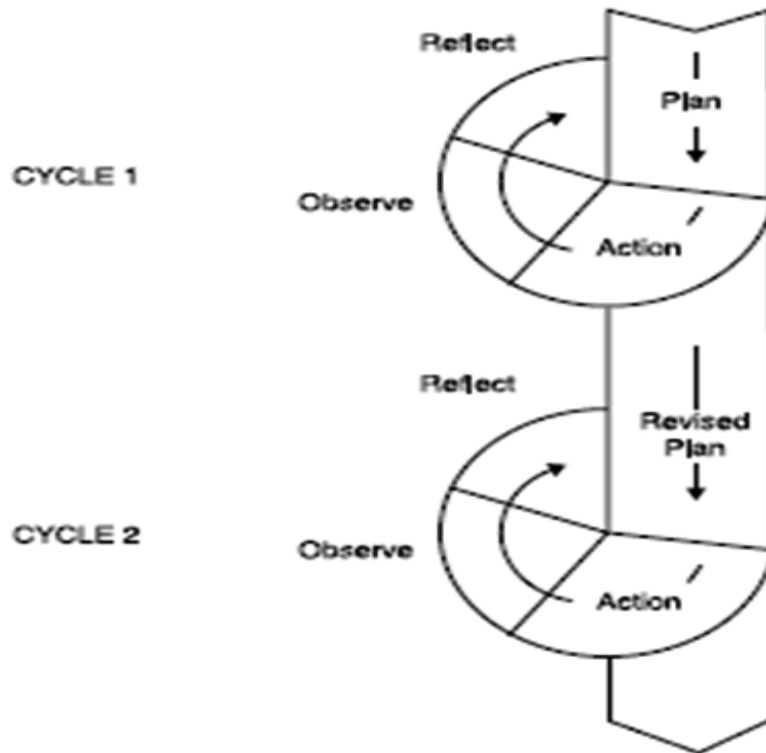
$\sum$  = the sum of

$F$  = the number of the student

To interpret the students' score, according to W/S winkle, the researcher should firstly determine whether he will use ratio scale, interval scale, ordinal scale or nominal scale. For secondary students' it will be better if we use ordinal scale. For this reason, researcher used it as the measurement tool to determine the students' understanding.

## F. Procedure of Research

### Cycle of Action Research



#### 1. Cycle I

##### a. Planning

- 1) The researcher make a lesson lan for first meeting.
- 2) The researcher prepares the material and media of the study that theresearch needs.
- 3) The research discusses about the implementation of using song lyrics to improvestudents understanding on simple future tense.

b. Action

This acting step, the research does action according to lesson plan that has been compiled before.

c. Observing

The researcher observed students' activities in teaching learning process while they were doing the test. There are many aspects that were observed by the research and the teacher such as : students' attention, students' ability to listen the song, students' ability to answer the test. So that the research should make a note in every activities and changing in learning process.

d. Reflecting

In this reflecting step, the result of the observation sheet will be discussed and analyzed by the researcher writes down the lack of the first cycle and the problems that arise in the first cycle.

Moreover, the result of the test in the end of cycle 1 is analyzed by the researcher, the result of analyzing will be used to measure whether the action of cycle 1 has success or not.

2. Cycle II

a. Planning

1) Planned to review the previous lesson.

2) Prepared the material and media of the study that teacher need.

b. Acting

In this acting step, the research does according to the lesson plan that has been revised based on the result of the reflecting of cycle I.

c. Observing

In this step, the observer fills in the observation sheet of students' activities during the teaching learning process in the classroom.

d. Reflecting

As in the cycle 1, in reflecting step the researcher is collaborative with the observe to analyze the result of the observation sheet. Besides, the researcher also analyzed the result of the test. If the action result of cycle 1 are success to improve on understanding simple future tense, the classroom action researcher will be end, but if there is no improvement in understanding simple future tense, the researcher has to conduct to the cycle II.

## G. Hypothesis

Hypothesis is predictable statement which needs to be explored more. If a statement which not need to be researched is not hypothesis. In addition, hypothesis is predictable answer of the research which the fact must be examined.<sup>6</sup> The hypothesis of this research is using song lyrics can improve students' understanding on

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<sup>6</sup>JumadiSurayaBrata, *Metodologi Penelitian*, (Jakarta: Raja GrafindoPersada, 2006) p.21



simple future tense. This technique will make students interest and give stimulate for the students in the future process.