

CHAPTER III

METHOD OF RESEARCH

A. Research Design

This research used the analyzed descriptive quantitative. The term descriptive research refers to the type of research question, design, and data analysis that will be applied to a given topic. Three main purposes of research are to describe, explain, and percentage ability. Based on the observation of research field (speech training room), the researcher can describe what happens in the event, and also get the information.

B. Research Setting

The research took place at Darul hijrah Islamic boarding school for girls. The writer researched at that place because Darul Hijrah is one of modern Islamic boarding schools which hold speech training as extracurricular program.

C. Population and Sample

1. Population

The population of this research were all students in 4 TMI grade. 4 TMI class was another name of students at grade tenth of SMA Darul Hijrah for girls in academic year 2015/2016. The total number of students were 96. Which are divided into 4 clubs that consisted of 24 student of 4 TMI grade.

For knowing clearly about the population, it could be seen in the table below:

Table 3.1. Total Number Students of 4 TMI Grade in English Speech Training Club.

4 TMI	1 st Club	24 students
	2 nd Club	24 students
	3 rd Club	24 students
	4 th Club	24 students
	Total	96 students

2. Sample

Sample is a part or representative of population that researched. Based on the population, the researcher used random sampling method. According to Roscoe cited Sugiono (2010, p, 131) he said that “Decent sample size in the study are between 30 to 500 people”. For this research the researcher took 31% of 96 student, so the sample were 30 students of 4 TMI grade, which were taken 7 and 8 person each club.

D. Data and Source of Data

1. Data

The data of this research, as follow:

- a. The data about the students’ English speech competence in Darul Hijrah Islamic Boarding School for Girls.
- b. The data about the students’ most difficult aspect in performing English speech in Darul Hijrah Islamic Boarding School for Girls.

2. **Source of Data**

Sources of data in this research was:

- a. Respondents: The respondent in this research were the sample of population of 4 TMI grade of Darul Hijrah Islamic Boarding School for Girls.

E. Technique of data collecting

To obtain the data, the writer used the techniques of the collecting, it is:

1. Test

This technique used to get the data about students' competence in English speech. Test in this research was oral test. Students' were asked to perform English speech.

F. Techniques for Data Processing and Data Analysis

Data Processing

Taken data processing steps as follow:

a. Editing

This technique was used in the purpose of reexamining all the collected data to make certain whether they were already complete or not.

b. Scoring

The writer analyzed the student' English speech competence by giving score used public speaking rubric, see appendix 7.

c. Coding

The writer makes classifies all the data that have been edited before in accordance with their kinds by making certain codes on all collected data.

d. Tabulating

The writer tabulates all the collected data by using the following formula:

$$P = \frac{F}{N} \times 100$$

P = percentage score

F = the frequency of answer from respondents for each item of questions

N = number of respondents

e. Data Interpretation

This was the last data processing in which all data were tabulated and interpreted. After that, all the percentage scores were interpreted by using following categories :

Table 3.2 percentage and category

No	Percentage	Data Analysis
1.	80%-100%	Excellent
2.	60% – <80%	Good
3.	40% – <60%	Fair
4.	20% – <40%	Poor
5.	0% – <20%	Very Poor

G. Design Measurement

The writer used the scoring rubric of public speaking adapted by National Council of Teachers of English/International Reading Assosiation (2004). It could be seen in appendix 7.

H. Data Analysis Procedure

The assessment of students' English performance used formula from Usman and Setiawati (2001, p. 136) as follows :

$$N = \frac{Score}{Maximum\ score} \times 100$$

N = Final core

To determine their ability in performing English speech, the students' score categorized into five levels as Arikunto (1992, p.107), suggested as follows:

80 – 100 : Excellent

60 – < 80 : Good

40 – < 60 : Fair

20 – < 40 : Poor

0 – < 20 : Very Poor

Then, to know the group average score or mean, the following formula by was used:

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

1. Result will be arranged into table.
2. Calculating and categorizing the result of student English speech performance.
3. The frequency of result of student English speech performance calculated by using percentage.

After processing the data, the writer analyzed them descriptively quantitatively, the analysis helps the writer to highlight some important conclusions from this research.

I. Research Procedure

There were some steps that were passed through in completing this research, as follows :

1. Preliminary steps

- a. To build a prior observation in the research subject.
- b. To discuss the result of the previous observation with the writer's supervisor.
- c. To make a research design proposal in order to be approved by the biro of paper research of Islamic education and teacher's training faculty.

2. Preparatory steps

- a. To hold a seminar on the research design proposal.
- b. To make data instruments.

3. Research steps

- a. To contact all respondents who were needed to obtain the data.
- b. To collect all the needed data from several sources.
- c. To process the data in procedural way and then analyze them correctly.

4. Organization

Being all obtained data were completed, the writer soon organized them in the form of this research paper based on continual guide and

consultation with the writer's advisor. After that, this research was proved and already to examine in the forum of examiner board.