CHAPTER III

RESEARCH METHODOLOGY

This chapter presents the research methodology which consist of research design, population and sampling, the instrument of the study, the technique of data collecting, and the technique of data analysis

3.1 Research Design

This research is conducted by using double correlation research design. Correlation research design is a type of non-experimental research method, in which the researcher measures two variables, understands and assess the strength, or degree, of a supposed linear association between two variables, each of which has been measured on a scale with units (Kinnear and Gray, 2006). This research design measures the statistical relationship between two variables with no influences from any extra variable.

3.2 Population and Sample

The population of this research is the students from XI grade of senior high school. There are approximately 490 students on the XI grade in SMAN 1 Kota Kediri. There are 10 classes and each class consists of approximately 35 students. The researcher will use Simple Random Sampling to decide the sample. From 350 students, the researcher will take 30% from it and will get approximately 105 students. The students of this grade are chosen because the researcher thinks that they will be mature enough to be able to react to cultural diversity. This chance would be a great opportunity for the researcher to get the data. The textbook which the researcher choosed is *Bahasa Inggris* which is published by *Viva Pakarindo*

(2013 Edition). This choice has been used by teacher on the process of learning and teaching process. There are some other books on the used but this book is mainly used for providing material and also the exercise as well.

3.3 The Instrument of the Study

There are some instruments, which is going to be used in the research process, they are:

3.3.1 Textbook Visual Representation Table

To get the visual multicultural values aspect in the textbook, the researcher adapted the table of textbook visual representation table from Setyono and Widodo Discourse Analysis study (Setyono and Widodo, 2019). The researcher also uses Ndura's investigation of such materials for invisibility, unreliability and stereotyping of learner cultures (Ndura, 2004). It is used to collect all the picture or icon, which is being used on the textbook to make it organized and could be analysed. From the side of verbal or textual representation of the book, the researcher would use description of every focus paragraph, report, command, song and many else. This table will be used for finding the presence of multicultural values which the researcher focused on.

3.3.2 Questionnaire Worksheet

Questionnaire worksheets are used for collecting two data which are students' perception on the presence of multicultural values and students' language learning attitude. Using Likert Scale, the researcher adapted the questionnaire for scoring students' perception on the existence of multicultural values on their English textbook. The data of students' perception on multicultural values is adapted from

Munroe Multicultural Attitude Scale Questionnaire (2006) and Multicultural Personality Questionnaire (2001). The researcher takes the idea of three aspects from Munroe's questionnaire which are Know, Care, and Act. This decision is made knowing that the researcher has analysed that there are kinds of values which the researcher found on the textbook chosen from the list of values from Setyono and Widodo's study (2019). For more details, here are the blueprint of the questionnaire of students' perception on multicultural values on English textbook.

Table 3.1
Blue Print of Students' Perception on Multicultural Values on Their English Textbook

No	Indicator	Sub-Indicator	Number of Items	Total
1	Leadership	Know	1, 2	2
		Care	5, 6, 12	3
		Act	9, 8, 13, 15	4
2	Justice and Peace for All	Know	3,	1
		Care	5, 7	2
		Act	16, 17	2
3	Love of Nature (Environment)	Know	10, 20	2
		Care	14,	1
		Act	18,	1
4	Religion Differences (Tolerance)	Know	19,	1
		Care	4,	1
		Act	7, 11	2
	Total			20

The second questionnaire was adapted the example of Gardner's Attitude or Motivation Test Battery (Gardner, 1985). Previous study adapted this test as the instrument and it is said as reliable test (Ndura, 2004). Gardner's questionnaire is being adapted on the making of students' language learning attitude. There are totally 20 statements in total which the researcher chose. For more details, here are

the blueprint of the questionnaire of students' perception on multicultural values on English textbook.

Table 3.2
Blue Print of Students' Language Learning Attitude

Indicator	Sub-Indicator	Number of Items	Total
Power on Learning English	Confidence to Speak	3, 6, 11, 12, 13, 16, 20	7
	Students' Interest	1, 4, 7, 8, 9, 10	6
Problem on Learning English	Students' Anxiety and Lack of Interest	14, 15, 17, 18	4
	Lack of Interest	2, 5,	2
	Extra Problem	19	1
	Total		20

3.3.4 Speaking Test

Speaking test is used for getting the data of students' ability in speaking English. The test will be in the form of asking them question about the cultures or values they might know from their textbook or teachers' explanation. The researcher also analysed the book to find appropriate theme or topic which has been taught or will be taught in the future, so that the topic of speaking will be relevant with what the students might know from the textbook.

There are four topics of question which the researcher found from the English textbook. Each of the questions represent every chapter from the whole books. The researcher made sure to get acceptance from the English teacher regarding the decision of the texts. The students is given time (5-10 minutes) to think and recall the knowledge they know about the topics. The researcher provides some questions related to the topics in case the students gone blank or having no idea of the topics.

3.4 The Technique of Data Collection

The textbook which the researcher choose is from the XI grade of senior high school with title *Bahasa Inggris* which is published by *Viva Pakarindo* (2013 Edition). This step will be done first by the researcher in order to find the presence of multicultural values the textbook. The researcher takes the opportunity to analyse the book while getting the other data. Students' questionnaire will be spread to the students to get the data of their perceptive on multicultural values and their level of attitude of language learning towards their English speaking ability. Last, the researcher would have a speaking test with the students to get to know whether the familiar local culture and any international culture which they familiar with will bring a good effect to their speaking ability.

3.5 The Technique of Data Analysis

From the resources of the research, there are several data which is being analysed. First is the multicultural values which is being taken from the textbook visual representation table and description text. From this data, the researcher would use the table of multicultural values from Setyono and Widodo research (2019). From this finding, the researcher would decide the questionnaire of students' perception on the presence of multicultural values from the textbook.

From the questionnaire worksheet, the researcher would get the data of students' perception on multicultural values and students' level of language learning attitude towards their English speaking ability. From the students' perception questionnaire, the researcher would get the information about students'

point on view of the presence of multicultural values found on the book and whether they could find and understand the values or not.

The analysis of data would be in the form of descriptive and quantitative data. The data from questionnaire would be analysed by using SPSS with Pearson Product Moment if the assumption is clear and exist. The Pearson correlation coefficient helps the researcher to establish the strength of relationships in continuous variables (Oakes, 1998). The data of multicultural values on English textbook would be in the form of table and description. The more honest the better the report. There will be no exaggeration at all in the report. The researcher will also add some opinion, which he or she could get from the research. As the observer, he or she is expected to see clearer without any judgement.