

## CHAPTER III

### METHODOLOGY OF RESEARCH

#### A. Method of Research

The research methodology used in this research was qualitative research implementing descriptive analytic method. Qualitative research is the aims of qualitative researchers often involve the provision of careful and detailed descriptions as opposed to the quantification of data through measurements, frequencies, scores, and ratings<sup>1</sup>.

And the writer used the qualitative research the types is Case Study. “Case studies generally aim to provide a holistic description of language learning or use within a specific population and setting. However, whereas ethnographies focus on cultural patterns within groups, case studies tend to provide detailed descriptions of specific learners (or sometimes classes) within their learning setting. Case studies are also usually

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<sup>1</sup> Mackey Alison and Susan M. Gas, *Second Language Research*, (London: Lawrence Erlbaum Associates 2005). 162.

associated with a longitudinal approach, in which observations of the phenomena under investigation are made at periodic intervals for an extended period of time”<sup>2</sup>.

In addition, Denzin and Lincoln write In the introduction to the third edition of their encyclopedic handbook:

Qualitative research involves the studied use and collection of a variety of empirical materials—case study; personal experience; introspection; life story; interviews; artifacts; cultural texts and productions; observational, historical, and visual texts—that describe routine and problematic moments and meanings in individuals’ lives....<sup>3</sup>

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

The research subject of this research is MTs Negeri 1 Kota Serang Bhayangkara Serang Banten. In this school the writer interviewed the Teachers how to implementing the CTL used in Teaching English for Islamic School. The writer will observe is to the Teachers, there are five Teachers from the first grade to third grade of MTs Negeri 1 Kota Serang Bhayangkara Serang Banten.

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<sup>2</sup> Mackey Alison and Susan M. Gas, 171.

<sup>3</sup> Duff A. Patricia, *Case Study Research in Applied Linguistics*, (New York: Lawrence Erlbaum Associates, 2008), p. 27.

## **C. Source of Data Research**

### **1. Primary Data Sources**

Sources of primary data obtained through observations and interviews with Teachers of English. Can writer knows why CTL learning model used by English Teachers and how the development of the model lesson in Teaching English. The school principal, vice principal areas of curriculum and administrative staff as informants in this study provide information and explanations about the curriculum and school data.

### **2. Secondary Data Sources**

Secondary data in this study of documents and archives that are in school in order to complement and support the main data obtained. These documents include the teaching of English as The annual program , the semester program, syllabus, lesson plans, a list of students' grades and other components, as well as data about the school, including the number of students, number of Teachers, school profile. In addition, researchers also need the data in the form of photographs or images taken at the time of observation.

#### **D. Research Instrument and Data Collecting**

Instruments in this study a list of questions compiled and prepared by the researchers themselves, tape recorders and mobile phones. After preparing the research instruments then continued with data collection techniques. The collection of data is a systematic procedure to obtain data on the research problem to be solved. The data collection techniques in this study are:

##### **1. Observation**

The writer used non-participant observation with Anecdotal record and Mechanical device. On Anecdotal record which researchers write the note in process of teaching English used CTL for Islamic school, before researchers observe the process of teaching English in the classroom, she will be assess the syllabus and lesson plan. And a Mechanical device is researchers also used the photography to take a photo in process of teaching English used CTL and Evaluation for Islamic school. It was conducted at the grade junior until third high school MTs Negeri 1 Kota Serang- Banten for knowing the performance of Teachers used the CTL in Teaching Learning English for Islamic School.

## 2. Interview

In this Research the writer used unstructured interview. It was done to English teacher in MTs Negeri 1 Kota Serang to know Implementation of CTL learning model while they are giving the lesson. As we know the CTL learning model very important to improving English teaching for student<sup>4</sup>.

## 3. Documentation

Documentation is a technique of data collection conducted by researchers by collecting all the materials related to the research. Documentation methods used in this research is to collect materials in the form of data, archives, documentation on the general picture of the school, including the number of students, number of Teachers, school profile, and photo- images associated with this research, as well as data on the learning device that includes an English teacher, syllabus, lesson plans, a list of students' grades and Other components<sup>5</sup>.

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<sup>4</sup> Abdul Halim Hanafi, *Metodologi Penelitian Bahasa untuk penelitian , tesis, dan disertasi* (Jakarta : Diadit Media Press, 2011), 209.

<sup>5</sup> Robert K. Yin, *Studi Kasus : Desain dan Metode*, (Depok : Rajagrafindo Persada, 2013), 103.

#### **4. Triangulation Data**

To check the validity of the data in this study, researchers used data with the confidence level of triangulation techniques. Triangulation technique is a technique that utilizes data validity checking something outside of the data for the purposes of checking data. To obtain the degree of confidence in the data used triangulation of sources<sup>6</sup>.

Triangulation by means comparing source and check to return the degree of confidence the information obtained through time and different tools in qualitative research. Source triangulation techniques done by checking multiple sources of data with the same method. This data was obtained by finding some informants with the same method. In this study, the researchers checked the degree of confidence with interview sources on different informant that English Teachers in MTs Negeri 1 Kota Serang.

#### **E. Technique of Data Analysis**

In this research, the writer uses a qualitative research, the qualitative research has a descriptive characteristic. Therefore, the

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<sup>6</sup> Sugiyono, *Metode Penelitian Kuantitatif, kualitatif dan R & D*, (Bandung: Alfabeta, 2013), 242.

writer uses a qualitative descriptive analyzing method. The qualitative descriptive tried to describe and interpret the result of data.

The technique of data analysis are the observation of the students activities and Teachers during English teaching- learning process and in the interview, the researcher interviewed teacher and. The researcher uses the technique of data analyzing as follows:

### **1. Observation**

As the writer explains above that in the observation consist of two indicators that include Teachers activities and students' activities. In Teachers activities the researches analyzed the Syllabus, Lesson plan, process teaching and learning, and Evaluation. These give the rating score 1, 2,3,4, 5. The writer uses the formula to analyze the data from observation as follow.<sup>7</sup>

$$\text{Score} = \frac{\text{Scored got} \times 100\%}{\text{Maximum Score}}$$

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<sup>7</sup> Louis Cohen, *et al*, *Research Method In Education*, (New York : The Taylor & Francis e-Library, 2007), p. 411

## **2. Interview**

In this step, the writer interviews three Teachers. It is aimed to know how their perceptions on using CTL in teaching learning. The writer uses Indonesian language, it is in order to avoid misunderstanding during the interview process. It is not only addressed to English teacher but also to the students. Hopefully, the writer gets the accurate data from them.

## **F. Research Procedure**

The procedure was carried out research includes three stages:

### **1. Stage of pre-study**

In this phase, researchers made a draft thesis, making research instruments and permit research aimed at MTs Negeri 1 Kota Serang.

### **2. The research phase**

Direct observations were carried out in MTs Negeri 1 Kota Serang on the use of CTL learning model and development model lesson in learning English conducted by an English teacher. Researchers also conducted interviews with Teachers of English, as well as conduct a literature review of data collection of information and books.



### **3. Stage of reports**

In this phase, researchers compiled survey data to be analyzed later described as a discussion and formed a research report.