

CHAPTER III

RESEARCH METHODOLOGY

This chapter presents the procedures and steps to find out the answers of the research questions. It consists of the elaboration of the research design which is further organized into four important sections: research design, data collection method, data analysis and data presentation format.

3.1. Research Design

This study made its categorization of empirical research into qualitative and quantitative research according to the criterion put forward by Grotjahn (1991). Furthermore, this research can be classified as “exploratory quantitative – interpretive paradigm” (Grotjahn, 1987 cited in Nunan, 1992). This paradigm covers non-experimental design, quantitative data, and interpretative analysis.

Grotjahn (1991) explains that non-experimental design can be defined as the design of research which does not use experiment process. Quantitative data are defined as data that can be quantified. And, interpretative analysis is a process of analysis which analyzes the data provided interpretatively rather than statistically.

Design research is quantitative because this research talks about quantity and some of data analysis are presented in the numerical form. The final goals of this research are to give a systematic, factual and accurate description and illustration of the most used English textbooks for students.

3.2. Research Site

This research is carried out at Sumber District, Cirebon Regency. It involves 3 State Junior High Schools. They are SMPN 1 Sumber, SMPN 2 Sumber, and SMPN 3 Sumber.

a. SMPN 1 Sumber

SMPN 1 Sumber is located in Dewi Sartika Street No. 153 Sumber Village, Sumber District, Cirebon Regency, West Java. It is one of three state junior high schools in Sumber District. This has thirty classes which divided into eleven classes for VIIth grade, ten classes for VIIIth grade, and nine classes for IXth grade. It has total 1153 students.

b. SMPN 2 Sumber

SMPN 2 Sumber is located in Pangeran Kejaksaan Street in Babakan Village, Sumber District, Cirebon Regency, West Java. The school has twenty one classes in total which divided into seven classes for each VIIth grade, VIIIth grade, and IXth grade. SMPN 2 Sumber has 930 total students.

c. SMPN 3 Sumber

SMPN 3 Sumber is located in Ki Ageng Tapa Street, Pejambon Village, Sumber District, Cirebon Regency, West Java. SMPN 3 Sumber has 23 classes which divide into nine classes for VIIth grade, and seven classes for each VIIIth grade and IXth grade, with total 831 students.

3.3. Data Collection Technique

English textbook published by Pusat Perbukuan Kementerian Pendidikan Nasional are used as the research object in this study. The title of the books are *English in Focus for VIIth Grade Junior High School*, *English in Focus for VIIIth Grade Junior High School*, and *English in Focus for IXth Grade Junior High School*. Authors of these books are Artono Wardiman, Masduki B. Jahur and M. Sukirman

Jusma. The reason why the books are picked up as sources of research is because the result of some steps to collect the data required, which were applied as follows:

- a. Data collected in state junior high schools in Sumber district, Cirebon Regency, namely SMPN 1 Sumber, SMPN 2 Sumber, and SMPN 3 Sumber.
- b. Selecting which textbook which mostly used by students of three state junior high schools above in Sumber District, Cirebon Regency. It is a series of textbooks published by Pusat Perbukuan Kementerian Pendidikan Nasional. They are *English in Focus for VIIth Grade for Junior High School*, *English in Focus for VIIIth Grade for Junior High School*, and *English in Focus for IXth Grade for Junior High School*.
- c. Formulating checklist of what constitute good English textbooks for Junior High School. The checklist as the main tool in the process of analysis in this research is reformulated by Badan Standar Nasional Pendidikan/National Agency of Educational Standard (commonly abbreviated with BSNP in Bahasa Indonesia).
- d. Nine English teachers were assigned from each grade in all state junior high schools in Sumber District, Cirebon Regency as book reviewers.

3.4. Data Analysis Technique

The data that have been attained are then being analyzed by doing the following procedures to find out the answers of the research questions:

- a. Verifying the materials of these textbooks which most used with the checklist.
- b. Quantitative analyzing and interpreting the data to find out the fulfillment of the most used English textbooks for Junior High Schools in Sumber District, Cirebon Regency.

3.5. Research Instruments

The used research instrument is checklist that formulated based on BSNP standard criteria. It was applied as follows:

Table 1: Research Instruments

Component	Subcomponents
Content Feasibility	Suitable with standard competency and basic competency
	Accuracy of content materials
	Support materials for educational process
Presentation Feasibility	Presentation technics
	Presentations of educational process
	Presentations supplementary
Language feasibility	Suitable with age of students development
	Communicativeness
	Suitable with series of ideas
Graphic feasibility	Book size
	Book design
	Book cover's ilustration
	Book content Layouts and graphical illustrations
	Book typography

Likert Scale is used to determine score for each subcomponent. This scaling technique was invited by Renis Likert. Likert scale consists of a series of statements all of which are related to a particular target. Respondents are asked to indicate the extent to which they agree or disagree with these items by marking (Dorenyei & Taguchi, 2009).

In this study, the forms of answers were: Worst (W), Bad (B), Good (G), and Excellent (E). The scale for each answers are from 1 to 4 which mean 1=Worst; 2=Bad; 3=Good; 4=Excellent. Each scale determines not only the fulfillment of the books but also the strength and weakness of them.

Data interpretation below can answer the research questions:

- a) General result of all component assessments describes the fulfillment of the most used English textbook for state Junior High Schools in Sumber District, Cirebon Regency to the criteria of an ideal textbook.
- b) The result of each component assessment describe the strengths and the weaknesses of the most used English textbook for Junior High Schools in Sumber District, Cirebon Regency.