

### **CHAPTER III**

#### **RESEARCH METHOD**

In this chapter, the author would like to discuss the research methodology. The things that the researcher will discuss are: a) research methods and design, b) research data and research sources, c) data analysis techniques.

##### **A. Research Design**

In this research, researcher uses library research. Which is research that utilizes library resources in data collection. The characteristic of library research is that researchers deal directly with text or data, not from knowledge obtained through interviews. This study evaluates how appropriate the content in the English textbook is "*Buku Interaktif Bahasa Inggris*" with the basic and core competencies of the 2013 curriculum. More specifically as content analysis. This method is frequently used to analyze written or visual data, such as those found in collections of general textbooks, newspapers, or other documents, with the goal of identifying the unique qualities of the data to be studied. (Ary, 2010). The researcher is interested in the viability of the Intan Pariwara-published "*Buku Interaktif Bahasa Inggris*" English textbook.

The researcher uses the content analysis method with library research to study the textbook "English Interactive Book" for Madrasah 'Aliyah class XII. Characteristics and textbook content are listed in accordance with the table of contents that all Class XII English textbooks are required by BSNP to have. The data presented in the textbook is analyzed, interpreted, and reported by the

author using qualitative methods. Every chapter was used as a sample by researcher.

## **B. Subject of The Research**

The subject of this research is an English textbook for data entitled "*Buku Interaktif Bahasa Inggris*" class XII Senior High School (student book) which is a textbook published in 2021 by Intan Pariwara. This textbook was written by Bachtiar Bima M, E Nirmala Kusumaning Ayu, and Susiningsih. This book consists of 176 pages. Chapters one through chapter four cover the first semester; chapters five through chapter nine cover the second semester. This textbook is known as one of the books recommended by the Ministry of National Education based on the content standards of the National Education Standards Agency (BSNP).

## **C. Data**

The Textbook used in this research is "*Buku Interaktif Bahasa Inggris*" which published by Intan Pariwara used for teaching XII grade students. This Textbook has 9 chapters, the researcher decides to study all chapters for sample of research. The data to be studied is the subject matter, namely text, explanation of the material, and exercises in each chapter of the textbook.

## **D. Technique of Data Documentary**

The researcher completed the following research procedures when documenting data:

1. Utilizing the English curriculum for the 2013 Curriculum and the BSNP assessment instrument rubric for class XII SMA. The "*Buku Interaktif Bahasa Inggris*" will be evaluated primarily on the basis of its suitability. In order to assess the content's feasibility from the perspective of accuracy, English textbooks examine the material.
2. Observing and skimming the information in the "*Buku Interaktif Bahasa Inggris*" to determine the suitability and compatibility of the textbook with the instrument, chapter by chapter, using assignments and exercises from the textbook.
3. The information gathered from the textbooks is then sorted into groups and assembled into a detailed descriptive report for analysis in accordance with the traits outlined in each chapter's BSNP assessment rubric.

#### **E. Data Analysis Procedure**

Data processing is a data settlement activity that is more specific according to the issues that the study is trying to solve, specifically information about the feasibility of the material in class XII English textbooks. In qualitative research, the data are typically narratives that are descriptive and qualitative. In qualitative research, data analysis does not wait until all data has been gathered but rather proceeds incrementally until all data have been gathered from observations and document analysis.

Using all of the information from the textbook "*Buku Interaktif Bahasa Inggris*" the BSNP's rubric evaluation, the analysis was conducted in the manner described below:

1. Categorizing the material presented in the textbook with the categories in the rubric of the English textbook assessment instrument from the BSNP with a value scale of 1, 2, 3, 4. This scale is illustrated by placing a tick (✓) in the right column on the horizontal line indicating the score.
2. Using descriptive justifications to interpret the data gleaned from the evaluation process.
3. Calculating the degree of fulfilment by multiplying the textbook's content's percentage of conformity. To present the data in numerical form, the researcher employs the following formula:

Formula by Sudjana (2001)

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

P = Percentage

F = Frequency

N = Total Frequency

Because this research chart-based data presentation is accompanied by a lengthy narrative text description, to confirm the outcomes of the conducted research, an easily readable research result must be presented. Since the formula displays the percentage of conformity between the textbook's contents and the standard of content feasibility, the researcher uses it to address these needs. The 0–100% conformity level can be seen clearly by the reader, making the formula above the best choice.

<b>Table 3.1 Textbook Material Assessment Criteria (BSNP, 2017).</b>	
<b>Percentage</b>	<b>Criteria</b>
81%-100%	Very Good
61%-80%	Good
41%-60%	Less
0%-40	Very Poor

The researcher uses the above reference based on research conducted by Yustisia (2015). The previously stated classification is used by him in his research to make it easier to divide the data into levels. The classification mentioned above has also adjusted to the guidelines for the text value of the BSNP textbook assessment tool, namely Very Poor, Less, good, and Very Good.