

CHAPTER III

RESEARCH METHODS

The chapter describes the methodology of the research. Research methodology consists of the place and time of research and research design :

A. Research Approach

This study uses a descriptive qualitative research approach. Creswell (2014) states that qualitative research refers to process-oriented methods used to understand, interpret, describe, and develop theories about a phenomenon or setting. Qualitative research begins by using a theoretical framework that provides information about the problems faced by individuals or groups. So, qualitative descriptive research is research that is used to examine questions that best describe verbally how participants in a study view and interpret various aspects of their environment.

In this study, researcher investigated the application of a Matching Card to teach reading skill. This is in line with the aim of this study to identify Matching Card to teach reading skill by conducting observations and interviews to collect data. This research was conducted on class VII students of SMP 9 Madiun. The research subjects to be observed in this study was students. The researcher observed one class, namely class VII E which consisted of 25 students. This method is used to explain the situation that actually occurs directly in the classroom because it provides

an overview of the application, advantages, and disadvantages of using Matching Card to teach reading skill for class VII E students of SMP 9 Madiun in the academic year 2024/2025.

B. Time and Place

1. Place of the Research

This research was conducted at SMP 9 Madiun which is located at Campur Sari Street No. 10, Sogaten, Manguharjo District, East Java Province. This research was conducted in class VII. The reason the researcher chose this place is because it requires various language teaching media, especially in English to on the process students reading skill. The facilities provided by the teacher are inadequate, such as media in learning. The media used by the teacher only uses books, so that students interest in reading is still lacking.

2. Time of the Research

This research was conducted for six months at SMP 9 Madiun, East Java. Starting from February to July 2024. The research schedule is as follows :

Table 3.1 Research Plan

No	Activity	Feb	Mar	April	May	June	July
1.	Planning						
	a. Purpose the title						
	b. Proposal						
	c. Arranging the permission letter						
2.	Application						
	a. Collecting data						
	1. Observation						
	2. Interview						
	3. Document						
3.	Reporting						

C. Source of Data

In this study, the data sources used were students. With data sources help to solve the problem. The data source was taken from media observations conducted by the teacher in learning to read using Matching Card. There are three data sources, namely participant, document, and social condition. An overview of them is as follows :

1. Participant

In this study, researcher used participants as subjects. Participants in this study as respondents in the data source. Puspa (2019) states that respondents may express strong negative feelings or

may have insufficient knowledge so participants do not express their feelings properly.

Based on this explanation, it can be concluded that the researcher chose participants who had less knowledge of several individuals or one class. In this study, the participants or respondents were 25 students (16 boys and 9 girls) in class VII E at SMP 9 Madiun.

2. Document

Document are one source of data. Collecting a data source requires complete information such as pictures, journals, observations, and other required documents. So, the document is important to support the observation results. Researcher used documents form of lesson plans, tape recorders, and photos.

3. Social Condition

The social situation is a situation when the researcher makes observations. Puspa (2019) states that a social situation is a situation that can hinder the correct measurement and any conditions that burden the interview.

Based on the statement above, the researcher observed the learning process in class VII E of SMP 9 Madiun. The media used for learning activities to on the process reading skill was Matching Card.

D. Research Instrument

To conduct research, the researcher used several ways to collect data. Purwanto (2020) states that the research instrument is a tool for

collecting data. That is, in collecting data researcher need instruments. This study use instruments using Matching Card with Cooperative Learning and lesson plans, interviews observation, tape recorders, and photos. Which is explained as follows :

1. The instrument of observation

a. Checklist of Observation

A checklist of observation is a list of questions that will be observed about the learning process. The researcher uses a checklist of observations to find out whether the teacher has followed the steps based on the lesson plan or not during the learning process using Matching Card.

b. Camera

Researcher use the camera to capture activities in the classroom when the learning process takes place.

2. The instrument of interview

a. Interview Guidelines

Interview are something to help researcher analyze data with participants about the topic. Before conducting the interview, the researcher prepared a list of questions to be asked to obtain the required information or data. With interviews, can find out the strategy for using Matching Card in the classroom.

b. Tape Recorder

This study use a tape recorder for interviews. The interview was recorded by the researcher during the interview. A tape recorder

was used to transcribe part of the question-and-answer session between the researcher and the participants.

3. The instrument of document

a. Lesson Plan (RPP)

A Lesson Plan (RPP) is a lesson plan to describes learning procedures to achieve learning objectives. Lesson plans are learning that develops and refers to basic competencies. So, RPP is something that becomes a guide for teacher to teach students in the classroom to assist teacher in teaching according to competency standards.

b. Observation Checklist

The observation checklist used to help researcher collecting data while during observation as a proof the activity in class was happen.

c. Students Attendance

The students attendance was used as document to check the total students in the learning process. The function of students attendance is as evidence that during learning activities the number of students participating in activities has a number that cannot be changed.

d. Students Score

Student score are the result of student activity during learning activities to provide grades after assignments as an assessment of learning objectives.

e. Photograph

Photograph is a picture of activities during the learning process.

This is to support data application of Matching Card.

E. Techniques of Collecting Data

Data is important in research methodology to obtain information and answer research problems. Taherdoost (2021) states that researcher need to collect data. This means that for research to be successful, researcher used several data collection techniques, namely observation, interviews, and documents.

1. Observation

Observation is a research collecting data by observing the object in research. Taherdoost (2021) states that observation is very valuable in research because it is in by what one sees directly. This research was carried out directly in the classroom. Researcher created several groups to discuss. Researcher collect data through observation to examine whether students can properly the direction according to the learning instrument.

2. Interview

An interview is a question-and-answer activity conducted by two people to obtain information. Taherdoost (2021) states that the interview includes interaction between the interviewer and the respondent. This means that there is interaction between the interviewer and the respondent to obtain the information sought.

Based on the following explanation, it can be concluded that the target interviews in this study were English teacher and students of class VII E of SMP 9 Madiun. Interviews using Matching Card and researcher can see opinions about the media.

3. Documentation

Documentation is one way to collect data. Documentation is usually in the form of documents such as photos, videos, notes and others. Collecting data requires several pieces of information such as photos, journals, observations, and so on.

Documentation in this study is in the form of lesson plans, photos, and others. The observation checklist was also used to find out the condition of the class during learning to read using a class VII E Matching Card at SMP 9 Madiun.

F. Techniques of Analysing Data

Data analysis techniques are techniques that discuss data processing during research. Miles et al (2014) states that there are three

data analysis techniques, namely data condensation, displaying data, drawing and verifying conclusions. The explanation is as follows :

1. Data Condensation

Data condensation is a technique for selecting all research data obtained from observations, interviews, and documentation. Miles et al (2014) states that data condensation is a process of selecting, simplifying, concluding existing data in the field. Therefore researchers must be able to select related with using Cooperative Learning and Matching Card to teach reading.

2. Displaying Data

Displaying data helps researcher understand what happened and carry out further analysis. Miles et al (2014) states that data displays are organized information that allows conclusions to be drawn. Researcher display the data as follows :

- a. The result of observation the data in this study related with the used Matching Card for class VII E students of SMP 9 Madiun.
- b. The result of interview the data in this study related with the activity in interviewing English teacher of class VII E of SMP 9 Madiun.
- c. The result of documentation the data in this study about are learning activities using Matching Card to the process the reading skill of class VII E students of SMP 9 Madiun.

3. Drawing and Verification Conclusion

The last data analysis technique is drawing and verifying conclusions. Miles et al (2014) states that drawing and verification conclusions is re-checking data sources and verifying data by re-examining observation data, interviews, and documentation which is called data triangulation. Researcher use this method to get conclusions from the data.

G. Data Verification

Researcher use triangulation to obtain data. Taherdoost (2021) states that in obtaining data, triangulation will try to find three kinds of confirmation from different sources. So, the first is direct observation (observation), the second is an oral report (interview), and the last is a document.

Based on this explanation, it can be concluded that triangulation is a verification technique for examining and comparing studies. Triangulation is also used to check the correctness of the data and this research was conducted at SMP 9 Madiun.

H. Data Analysis Techniques

This research has a learning process for class VII E SMP 9 Madiun.

Researchers used several procedures, including :

1. Preparing
 - a. Observasing the location

- b. Arranging the plans
 - c. Getting the permission letter from the institution
 - d. Getting the permission letter from the school
 - e. Arranging the research instrument
2. Application

The application activities of researcher are :

- a. Collecting data is as follows :
 - 1. Observation the application of to teach reading skill for seventh grade students of SMP 9 Madiun Year of 2024/2025.
 - 2. Interviewing the English teacher and seventh grade students of SMP 9 Madiun.
 - 3. Collecting data documentation about teaching and learning process.
- b. The data analysis

Researcher conducted data analysis and then classified based on the formulation of the problem and analyzed to obtain research results.

- c. Conclusion

The researcher concludes the data research from all data collection activities that were mentioned earlier.

3. Reporting

The researcher compiled research conclusions which were then reported and written under the title "Using Cooperative Learning and

Matching Card Game Media to Teach Reading Skill for the Seventh Grade Student of SMP 9 Madiun Academic Year 2024/2025”.