USING MIND MAPPING TECHNIQUE IN TEACHING WRITING DESCRIPTIVE TEXT

THESIS

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Menyatakan dengan sesungguhnya bahwa skripsi yang berjudul:

USING MIND MAPPING TECHNIQUE IN TEACHING WRITING DESCRIPTIVE TEXT

Adalah benar-benar karya saya, **kecuali semua kutipan dan referensi yang disebutkan sumbernya.** Apabila terdapat kesalahan dan kekeliruan didalamnya, maka akan sepenuhnya menjadi tanggungjawab saya. Demikianlah surat pernyataan ini saya buat dengan sesungguhnya.

> Banda Aceh, 6 Juni 2023 Saya yang membuat Pernyataan,



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Banda Aceh, 6 June 2023

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ABSTRACT

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Using mind mapping technique has been recommended for teaching English writing as a way to support pre-writing. This study attempted to investigate the effectiveness of using mind mapping technique for writing descriptive text by students at Islamic Senior High School Darul Ihsan, Aceh Besar, an Islamic Boarding School. In doing so, this study used experimental design with quantitative method involving tests and questionnaires to collect data from Islamic Senior High School Darul Ihsan students. The findings of this test were analyzed using SPSS and indicated that the (2-tailed) value is 0.000 < 0.05, showing that *t* value is smaller than the significance value of 0.05. This means using mind mapping was effective in supporting students in writing descriptive text. This is also supported by the survey that students felt supported in writing by mind mapping and it helped students express their ideas in writing descriptive text by using mind mapping. In conclusion, using mind mapping is instrumental in teaching descriptive text.

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AR-RANIRY

CHAPTER 1

INTRODUCTION

A. Background of Study

Writing is one of the four basic language skills which functions as a means of communication in which written messages are delivered. Writing is a work of formulating ideas and figuring out how to express them into clear paragraphs and statements to the reader (Yilmaz, 2003). Thus, mastering writing skill enables learners to communicate with others (Yolanda & Al-Hafizh, 2014).

However, mastering the writing skills is not easy for EFL learners. Richard (2002, as cited in Ratnaningsih, 2016) argues that writing is one of the most difficult skills for EFL learners to learn because writing is a skill that requires, not only ideas to write, but also to translate these ideas into a readable text as well. In other words, to have a good command of writing, students need to understand grammar, at the same time they are required to have enough vocabulary. This is reasoned by the fact that many people have good idea cannot express it because of lack of vocabulary.

Since writing good English needs extra efforts and practice, many EFL learners fail to write English well, it takes extra time, efforts and persistence for every student to have a good command of writing. The teachers should be creative in the classroom. They need to apply suitable techniques in teaching writing to make the class more fun and it becomes easier for students to learn writing. Many techniques have been offered in teaching writing.

Mind mapping is one way to overcome the difficulties in teaching writing. This technique is expected to make students easier in understanding the writing method and allows the student to find the idea for writing and explore the understanding of mind. This technique is considered innovative and creative for teaching writing.

Mind mapping is a diagram that has functions as a way to organize ideas and represent words, tasks, or another links that arranged a central keyword by branches and typically it contains words, colors, short phrase and picture (Buzan, 2005). A mind mapping can be started by writing the main idea on the centre paper. Mind mapping is a technique to make it easier for students to learn. This shows that mind mapping can be a solution in solving student difficulties in learning it.

Some previous studies have been conducted on the implementation of mind mapping in teaching writing. Rahmawati (2018) explores the implementation of mind mapping in teaching writing of recount text to Eight Graders of Junior High School, she found that all students had no background knowledge about mind mapping technique and never made any mind map before. The study result showed that most of students have already comprehended the way to apply mind mapping technique in writing their own recount text. It indicated how the students submitted their task on time and how great their recount texts compositions have been.

Another research conducted by Sahli (2017) on students' writing recount text. The finding was reported that mind mapping and journal as medium improved students' writing skill. Based on result of the research, he gained using mind mapping and journal in teaching and learning writing are effective way to improve students' writing skill.

Then, Nuraeni (2022) states the majority of students were focused on mastering the mind mapping technique for creating descriptive content. Mostly of students displayed favorable attitudes about mind mapping, they accepted that it is crucial to knowledge acquisition and the development of writing skills, particularly those related to descriptive writing. Nevertheless, a few students reported having trouble with structure, punctuation, grammar and capitalization during writing classes.

Furthermore, according to Silalahi (2016) the study discovered after evaluating the data that Mind Mapping Technique, as opposed to conventional technique, is more effective at teaching how to write descriptive writing. In line with Sasongko (2017) that using the mind mapping method to teach students how to write descriptive texts has a positive effect on their ability and learning outcomes. According to the finding of Listyowati and Hanna (2021) state that the study discovered students' writing skills increased in the second cycle. According to Hasanah et al., (2016) argue that the implementation of mind mapping technique has significantly enhanced students' ability to write analytical exposition texts.

Furthermore Rahman et al., (2022) state the results demonstrated that the students' descriptive text writing was enhanced by the use of mind mapping and think-talk write techniques. Even so, the experimental class saw significant improvements in the mind mapping technique. Therefore, it is recommended to teach

descriptive writing utilizing the Mind Mapping method. According to Basri and Syamsia (2020) argue to the findings of mind mapping technique has a highly favorable impact because it is a clever note-taking strategy that aids students in remembering a lot of information. Another facts of that fourth-grade kids' learning results in science are impacted by the implementation of the mind mapping method is another finding from the research. According to Yani et al., (2022) claim that discovered of students' issues with writing stemmed from their inability to expand their ideas since they lacked a wide vocabulary. Students also struggled with punctuation, grammar, organization, capitalization, and other issues. Additionally, it took them far too long to complete their paper.

This research has similarity with both of researches above. It described the implementation of mind mapping technique to improve students' writing skill. Nevertheless, the differences this study with both previous researches remain. The gap between this research and others are the subject studied and schools studied. Previous research conducted research on English lessons, but in this study the subject as research material were writing, grammar and listening subject. Because at that school English subjects were classified into several parts of English elements. Another difference can be seen the school that became the research location, namely Islamic Senior High School Darul Ihsan which adheres to the boarding school system.

Based on the description above. I am interested to explore the use of mind mapping techniques employed by the teacher and the students in learning writing descriptive text.

B. Research Question

This study is guided by the following questions:

- 1. How do the use mind mapping improve students' performance descriptive text?
- 2. How do the students perceive the use of mind mapping for support their writing performance?

C. The Aim of The Study

The aims of study research to find out the effectiveness of mind mapping technique used by teacher in teaching writing descriptive text.

- 1. To identify how the use of mind mapping improve students ability in writing descriptive text.
- 2. To identify how do the students perceive the use of mind mapping for improving their writing performance

D. Significance of Study

This research is expected to be beneficial of theoretically and practically to understand and help student easier in learning writing. The benefits are as follows:

1. Theoretical

This study provides a more understanding of using mind mapping technique in teaching writing. This research is also useful to find out the appropriate technique that implement teaching writing.

- 2. Practical
 - For school, this research is expected to increase student enthusiasm in writing
 - 2) For teachers, through this research teacher can find out the appropriate technique for helping student in writing

E. Key Terms

To avoid of misunderstanding of terms used in this study, it is important to explain the terms clearly.

1. Mind Mapping

In this study, mind mapping is defined as a technique used in teaching writing descriptive text to Islamic Senior High School of Darul Ihsan by using diagram for reflecting concepts, to build a structure into a good writing.

2. Teaching Descriptive Text

In this study, teaching descriptive text refers to the writing text taught to the eighth graders student of Islamic Senior High School of Darul Ihsan teach writing. The writing focused on this research is descriptive text which requires student to write about describing of people, animal, and thing.

BAB II

LITERATURE REVIEW

A. Teaching Writing

1. Definition of Teaching Writing

Teaching has been regularly defined as a tool of intermediary for transfer the knowledge. One of the most important aspects of applying language is writing. Teaching writing is one of the most important elements in improving the quality of writing because in teaching writing it is not just writing, but there is a combination of structure and language knowledge that must be learned and taught.

John Barubacher (1939 as cited in Rajagopalan, 2019) explains that teaching is planning and handling of a situation in which there are gaps or obstacles that a person will try to get around and from which he will learn while he does so. Teaching is a general term that causes a person to acquire knowledge or skills, usually obtained by providing various required information. Sequeira (2012) explains that teaching is a series of activities that occur outside from students and should help in the learning process.

In short, teaching is an action based on the planning that has been provided, then occure a process of exchanging information and knowledge both of the instructor and audiences. In common usage, many parts of teaching is focused of including teacher actions and student directions or instructions. Teaching is done using lectures, cases or experiences. In addition, students learn about a topic, adopt certain behaviors or attitudes, or become aware of pleasant or unpleasant effects of certain behaviors.

Harris (2014 as cited in Farih, 2022) states that writing is a process takes time, especially when considering the occasionally long periods of thinking that come before producing an initial script. Writing is a complimentary talent that must be mastered in English because it frequently occurs that students simply steal what their teachers write without understanding how to make their own writing, arrange it nicely, make it easy to read, etc.

According to Nunan (1989, as cited in Fareed et al., 2016), writing is an extremely complex cognitive skill that involves for the student to have control over a variety of variables. Learning how to write in context might help students build analysis after they finish a paragraph so that readers can more easily satisfy their expectations. In other words, students will be able to expand their analysis in writing an affordable paragraph and have a properly risk to write something if they understand what to write, what the reader expects from the text, and which parts of the language device might be relevant to the specific challenge in a given context (Tribble, 1996 as cited Satriani, 2012).

Writing is a skill that requires a method in order to express concepts that have been held through writing. To successfully complete the procedure, instruction and learning are required. English writing is certainly difficult. It is not sufficient to simply express concepts, they must also be explained in English. A method that can aid in the learning process is therefore required. Student towards numerous writing problems at different levels in their getting to know. Usually, these troubles may be classified into linguistic, psychological, cognitive and pedagogical categories (Haider, 2012: Hyland, 2003 as Cited in Fareed, 2016). Writing is becoming a difficult skill to master because it has many indicators or elements in it, at least there are 5 important indicators that want to be taken into consideration by means of the students after they learn to write (Laeliyah, 2021). State the five indicators of writing as comply with:

- a. The paragraph's content includes whole sentences with proper tense, degree of comparison, and adjective usage.
- b. The structure of the text's main ideas is supplemented by appropriate orientation processes and a reorientation in the content's specifics.
- c. Vocabulary the paragraph displays the proper use of a personal pronoun, a linking verb, and an adjective.
- d. Language use contains few compliance errors, effective complicated constructs, and clear meaning.
- e. Mechanics Spelling punctuation and capitalization are proper.

2. Process of Descriptive Writing

Writing is a series of processes that require several steps to complete. Writing is sustainable action that starts with writing by thinking about what to write and how to write it. Not only that, the writing process also requires revision and rewriting to get a good writing results. According to Yan (2005, as cited in Agibuay 2016), the process of descriptive writing have several stages in writing, namely:

a. Preparation

The writer began by demonstrating to students the ways of observation and attention they must develop in order to teach writing to other students as part of their pre-deployment training in their senior year. This is done to underline how crucial it is that they master the writing process. Following this mental preparation, the writer presents images of artists.

b. Modeling and Reinforcing

In this part, the writer displays example of notes regarding Mahatma Gandhi, a well-known individual. The group discussions divided into three by the teacher. Giving out copies of sample texts and asking students to read them with the following focus questions will help students understand the value of writing descriptively. What is the aim of this piece? Who are the intended recipients? Did the author succeed in his mission? Justify.'

The teacher instructs students to quickly re-read a sample trip journal and respond to the following focus questions in order to emphasize the structural and linguistic components that make up a descriptive article: How does the passage start and end? How is the text organized and patterned? Is the description provided specific and accurate? During the synthesis, students present the outcomes of their small-group conversations while citing particular passages from the text to support their claims.

The writer then disseminated samples of other visual notes that had not been synthesized coherently. Then, instruct the students to edit the order and content of their character notes. In order to correct inaccurate character notes' content, the group rearranges and restates them and structure. To reinforce what the class had learned about descriptive writing, other well-crafted the characters were presented as bases of comparison.

c. Planning

Students are asked to propose what characters displayed by the class. The students were asked to list the names of characters that would be used for their writing provision later.

d. Join Structuring

Students deploy the descriptions and materials supplied during the planning step to create small notes about the characters they have chosen. Students are given a certain thing to describe with the first teacher and then in pairs. They then shared the findings with other pairs who left comments on their articles. At the following meeting, the teacher returns the output that was collected. The updated text is displayed for the entire class to see.

e. Independent Structuring

The writer provides guiding questions for character writing. After that, students write a draft of each article and conduct teacher consultations regarding their output.

f. Revising

Refinement is a way of revising and improving a major draft. Modification is an important step in preparing a piece of writing for public or book consumption. Many

drafts have already been written and are waiting to be edited or revised. When writers finish a draft, they usually read what they've written to see if it's too ambiguous or confusing. Consistent with Willy and Richards (2002), the editor checks grammar, spelling, punctuation, diction, tenses, and the accuracy of the auxiliary text which includes quotations, examples, and the like.

B. Descriptive Text

1. Definition of Descriptive Text

Descriptive text refers to the senses, so it tells how something looks, feels, smells, tastes, and/or sounds," (Oshima and Hogue, 2007). An excellent description paints a picture in the reader's mind so that they can visualize the thing, place, or person being described. Writing about how something or someone employs spatial order is called description. Additionally, according to Woodson (2002 as cited in Karimah, 2016), a description is a written text that combines words with visual imagery to create a sensory impression. Its goal is to educate and encourage the reader to view a subject from the writer's point of view.

Writing a description can be done in a subjective, objective, or hybrid way. Subjective descriptions allow the writer's thoughts and emotions to shine through while objective descriptions make an effort to be uncolored by personal opinion or emotion. The focus of objective description is primarily on the facts, ignoring the writer at all times, especially when it comes to their sentiments. Imagine a robotic camera watching the subject; such a camera has no emotional connection to or response to what is being watched. Contrarily, subjective description pays attention to both the subject being described and the writer's (internal, personal) responses to it.

According to Noprianto (2017 as cited in Fitriani, 2019) states that one of the text types that Indonesian secondary schools need students to learn is descriptive text. Descriptive text is a texts used to describe actual objects are known as descriptive texts (person, place, and things). While Emilia (2017 as cited in Nurlaila, 2013) explains the aim of descriptive text is to provide information about something or someone. The reader will be able to more clearly understand the actual object.

2. The Kinds of Descriptive Text

There are primarily three types of descriptive texts: texts that describe people, texts that describe scenes or places, and texts that describe things (Karimah, 2016).

a. Describing People

Character sketches are brief, vivid descriptions based on actual people. It gives a more through account of people. They can also be referred to as biographical sketches, literary portraits, and profiles. Character sketches may involve identification and impression during the creation process, but they go beyond merely describing how people appear to be and instead demonstrate their personalities. The traits of a group, such as those of cheerleaders, artists, television addicts, etc., are more accurately described as a type than as an individual.

Additionally, a person's actions, words, and behavior all contribute to how that person is described. This indicates that a description of a person includes more

information than just the subject's appearance or how they appear; it may also include information about their activities (Karimah, 2016).

Wati, et al., (2018) claim there are numerous ways to characterize or describe a person, including:

- Physical representation, which aims to give an accurate impression of a character's condition;
- 2) Description of a character's actions;
- 3) Descriptions of the character's surroundings, such as portrayals of the character's clothing, residence, and automobiles;
- 4) Descriptions of the emotions and thoughts of characters
- 5) Characterizations of the person

Example of descriptive writing in describing people:

Specific Participant



AdjectiveAction VerbSimple PresentSource: Lestari(2019), LKPD Describing People English

Figure 2.1 Example of Describing People

The text above describes about "my best friend" named Lizzie who is a specific participant in this text. Wati et al., (2018) explain that the first thing must be done in writing descriptive text is physical appearance to give strong impression with one's character. In the text, physical appearance is mentioned in the first sentence of second paragraph, which describes Lizzie's physical appearance, who has a tall and thin body, long black hair with a small nose and a big mouth.

The text show description potrayal characters surrounding of Lizzie that by wearing yellow blouse, orange skirt, pink sock, and blue trainers with two yellow ribbons in the hair. Then, description of the Lizzie's emotion was described by good, temperate, polite, and happy. Furthermore, characteristic of Lizzie that she is love the cat and has favorite food is Pizza.

Mostly, example of descriptive writing above is appropriate with the way stated by Wati, but wati et al do not write the statistical data needs to be included in the text before including physical appearance.

a. Describing Place

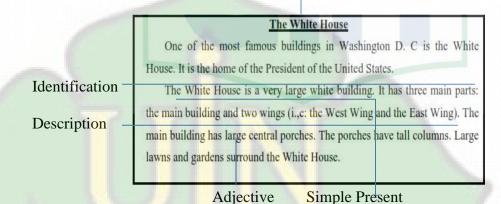
Every event has a strong connection to its environment. Whatever the setting or location, there are no occurrences. Every story will always have a setting, and if the course of an event is connected to the setting, the event will be more intriguing.

A description of a scene or location is a type of description that describes how the scene or location appears. According to Alan Meyers (2005 as cited in Nurleni, 2018) a description of a situation can be helped the reader vividly see, hear, or even feel the subject. Through thoughtful word choice, compelling details, and logical structure, the writer may help the reader visualize what they are reading. The writer should show the readers the setting so they can experience the beauty, uniqueness, or ugliness of it for themselves rather than just telling them that it is gorgeous, peculiar, or dreadful.

Spatial order is typically utilized when describing a scene or location. The organization of arranging known as spatial order presents an overall view before placing specific details in a predictable pattern, such as from top to bottom, right to left, center to sides, and nearest to farthest.

Example of descriptive writing in describing place:





Source: Karimah (2016), as adopted from Mukarto (2007)

Figure 2.2 Example of Describing Place

From the text, it explains that "The White House" as specific participant which certain an object. Furthermore, there are two generic structures namely identification and description. Identification contains the opening or introduction of the place, the first paragraph of the text is identification which introduce about the white house in brief.

The next paragraph in first sentence explains description of The White House more details, it is a large building and has two wings. Description aimed to describe about characteristics of the place and "large" word is an adjective.

b. Describing Things or Object

A description of a thing is a type of description that often depicts a nonanimate object rather than an animate one. When describing something, the writer needs to have a vivid imagination of the subject.

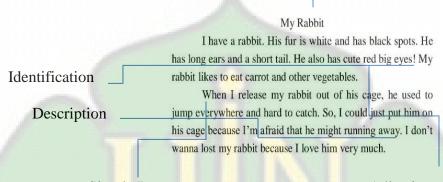
Additionally, the description must use proper nouns and strong verbs in order to make the thing as appealing and as vivid to the readers. Proper nouns are the names of certain people, places, and things that must be used in our descriptive writing in order to add definite details and literary devices. Examples include Arizona, London, and the State Islamic University. Proper nouns let readers identify and become more familiar with the object being described by the author. Verbs play a crucial role in narrative, but a strong verb can also significantly enhance a piece of description.

The writer uses powerful verbs to make the description more precise, accurate, and captivating. For instance, it is more precise to say "the wind had made deep grooves into the sides of cliffs" rather than "the wind had made deep grooves." Additionally, chiseled paints a more precise picture of the activity of the wind for the reader than made does.

A R - R A

Example of descriptive writing in describing things or object

Specific Partcipant



Simple Present

Adjective

Source: Sriyono (2022)

Figure 2.3 Example of describing things or object

From the text states that identification as object recognition in beginning of the paragraph which explains the physical characteristics of the rabbit which is also Fitradjective words. This is followed with further description of the rabbit in the next paragraph.

3. Generic Structure of Descriptive Text

There are some general structures that should be taken into consideration when writing Descriptive text. The generic structure of descriptive consists of identification and description. Fitriani et al., (2019) state that generic structure of descriptive text are:

a. Identification

Identification is the process of how to describe an object and an overview of a topic.

b. Description

Description is a process on how to describe the object. Writing a descriptive text describes a person, location, or thing in vivid detail in order that the reader can imagine the subject for describing.

Alwasilah and Alwasilah (2007, as cited in Nurlaila, 2013) list four kinds of descriptive texts that can be investigated, namely:

- a. First, a historical profile that offers a fascinating factual account of locations, occasions, or events.
- b. The second is a business profile that goes into great detail about the industry.
- c. Third, the reporting of interview, field, and other study findings.
- d. Fourth, a case study that details a person's experience in representing a group, such as the immigrant community or the sacrifice of calamity, and a personal research report that precisely meets the story's purpose of an amusing comment for the reader.

4. The Language Elements of Descriptive Text

According to Husna (2017) that descriptive text has own specific features of language elements, there are:

- a. Specific participant: has a certain object, is not common and unique (only one). for example: Bandengan beach, my house, Borobudur temple, uncle Jim.
- b. Adjectives are words that are used to modify nouns and pronouns by giving properties to objects, and providing information on the large modified

object. Adjectives are words that are used to describe nouns. For example: a beautiful beach, a handsome man, the famous place in jepara, etc.

- c. The use of simple present tense: The sentence pattern used is simple present because it tells the fact of the object described.
- d. Action verb: verbs that show an activity (for example, run, sleep, walk, cut etc.

C. Mind Mapping

1. Definition of Mind Mapping

Mind mapping technique is not something new to learn. Nowdays, mind mapping is a common technique in the English teaching learning process. Mind mapping be appropriate technique to employ in various types of texts because it is regarded as an effective writing strategy. Mind mapping introduced by Tony Buzan, a British psychologist in 1974. Writing down a basic thought and then coming up with additional, related ideas to radiate out from it is known as mind mapping. Because it allows us to organize the information and concepts, it is a useful strategy that can assist our mind. It helps to focus on the key ideas that are written down.

Buzan (2005) argues that mind map is a creative and useful tool for taking notes that physically maps out your thoughts. It is the simplest way to bring information into your head and to pull it out of your brain. The University of Adelaide (2014) explains that Mind mapping is a powerful way to take notes and brainstorm about essay subjects. A mind map involves writing down important subject matter and questioning the most recent and pertinent thoughts radiating from the center.

Mind map has easy to remember keywords and function similarly to how the human brain does. Mind maps make writing fun by using lines, arrows, color-coding, drawings, and symbols. They also fit each learner's unique learning style. This technique help teacher in teaching, because the teacher will learn and think also make meaningful connection both of previous knowledge and recent knowledge.

According to Dawson (2015 as cited in Nurlaila, 2013) as the first stage of the writing process and the place where we discover and explore our initial ideas about a subject, mind mapping is a form of prewriting technique. Prewriting enables us to brainstorm ideas that may eventually find their way into our writing as well as put our ideas down on paper, albeit usually not in an orderly manner.

The mind map can boost creativity, memory, and cooperation by merging the full range of cognitive brain functions. It can also help people visualize goals, track their progress, and learn more effectively. Additionally, the mind map helps improve thought clarity and quality. Tony Buzan's principles can be learned through the use of mind maps, which are a creative, potent, and approach to represent thoughts. The mind map approach is one of the techniques that can be employed to increase the pupils' capacity for creative inquiring.

2. The Benefit of Mind Mapping in Writing

The benefits of mind mapping have been covered by a number of authors (McGriff, 2000; Buzan, 2007; Edward, 2011 as cited in Siregar, 2015). They argue

that mind mapping can balance the brain, facilitate mental organization, and enhance memory, creativity, and learning speed.

There are several benefits of mind mapping. According to De Porter and Mike (2008 as cited in Silulu and Nasir, 2022) mind mapping has four benefits. They are as follows:

a. It is flexible

Flexible in case that missing idea can be added in every place in mind mapping.

b. It focuses attention

In mind mapping, we do not pay attention to every word. We only mention such words, which become ideas. Thus, we can concentrate more on ideas.

c. It increases understanding

Mind mapping will improve the comprehension and produce valuable frequent note later.

d. It is fun

The mind mapping does not limit the imagination and creativity. That makes mind mapping become one of the amusing technique in writing.

In summary the benefits of mind mapping are many and varied. It includes:

- a. Giving you an overview of a large subject/broad topic and allowing you to represent it in a more concise fashion
- b. Encouraging you to see the bigger picture and creative pathways

- c. Enabling you to plan/make choices about the selection of resource material you have for an assignment and where you are going to place it
- d. Providing you with a more attractive and enjoyable format for your eye/brain to look at, muse over and remember.

3. Steps to Make Mind Mapping

A technique called mind mapping makes use of brain management to unlock the full potential and capacity of the brain. Additionally, mind mapping is a system of learning that is commonly employed to assist students in learning effectively, rapidly, and joyfully. In line with Buzan (2005), there are seven steps in creating mind mapping:

- a. Begin in the center of a blank, upside-down page. As a result of your brain being allowed to spread out and express itself more organically when you start in the middle.
- b. For your main point, use a picture or image. Because a picture can express a thousand words and stimulate the imagination. A starring image is more captivating, helps you concentrate, keeps you focused, and stimulates your brain more.
- c. All throughout, use colors. Your brain finds colors to be just as interesting as images. Color makes your mind map more lively and alive, gives your creative thinking a huge boost, and it's fun.
- d. Connect your second and third level branches to the first- and second-level branches, etc., and your main branches to the central image. Since your brain

functions by association. It enjoys connecting two (or three, or four) things. You will comprehend and remember the information much more quickly if you connect the branches. By joining your primary branches, you can also form the fundamental framework or architecture of your ideas. This is remarkably similar to how connected branches radiate outward from a tree's core trunk in nature. It wouldn't function quite as well if there were tiny gaps between the trunk and its main branches or between those large branches and the smaller branches and twigs. Everything (including your memory and learning) breaks apart if there are no connections in your mind map.

- e. Instead of using straight lines, make your branches curved. Since your brain finds straight lines uninteresting, nothing but straight lines. Curved, natural branches, like the branches of trees, are much more captivating and eyecatching.
- f. One key word is used for each line. Single key phrases provide your mind map greater flexibility and power. Every phrase or picture acts as a multiplier, producing its own unique set of associations and connections. When you only utilize one key phrase, each one is more liberated and is therefore more equipped to inspire fresh thoughts and ideas. Sentences or phrases have a tendency to lessen this effect of triggering. A Mind Map with more keywords is comparable to a hand with fully functional finger joints. A mind map that includes words or sentences is analogous to a hand that is restrained by stiff splints.

g. Throughout, use images. Considering that each image, like the main image, is equivalent to a thousand words. Therefore, if you only have 10 images on your mind map, that's equivalent to 10,000 words of note.

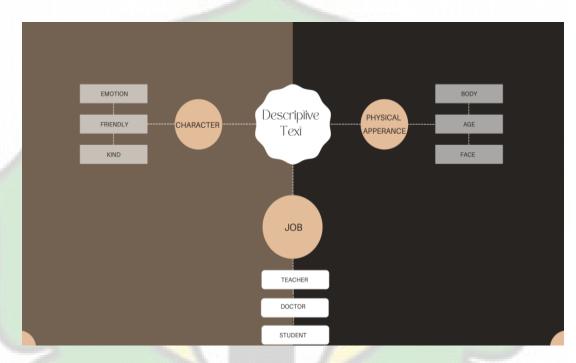


Figure 2.4 Ilustration of Mind Mapping

A rapid technique for writing creative and effective notes is mind mapping. Additionally, it may aid students in memorizing data. People can come up with and arrange ideas into a nice sentence by using mind mapping. Additionally, because there are vibrant images, mind mapping can make students joyful while they are studying. Because of this, using the mind mapping method to acquire writing skills is a good idea.

4. **Previous Studies**

Many studies related to use of mind mapping in descriptive writing have existed. Several researchers such as Nurlaila (2013), Fitria (2016), Agustina and Sudamarji (2018), Karminah et al., (2017), Marpaung and Sinulingga (2013) examine this research regarding the effectiveness of the mind mapping technique in increasing students' interest of skills in writing, and students' perceptions of mind mapping itself. The mind mapping technique is a technique to overcome students' difficulties in conveying their ideas related to writing.

a. Effectiveness of using mind mapping

A summary of effectiveness of using mind mapping based writing is provided by a number of research. The first research by Nurlaila (2013) conducted with quantitative and qualitative research into one methodology which was held at Junior High School in Bandung with 36 participants of seventh grade. The researcher used a pre-experimental one group pretest-posttest design in this study to determine the treatment's effects. According to the results of post-test, students' writing scores for descriptive text improved after they used mind mapping technique.

Then, another research from Fitria (2016) with quantitative method which located at SMAN 4 Banda Aceh. This research used experimental design with experimental group and control group and a test as an instrument for collecting data. The researcher chose 2 classes from the first grade and each class consisted of 32 students. The mean score of experimental group and control group was compared using independent sample t-test, it applies to pre-test and post-test. The data showed that using mind mapping was effective to improve student's score of descriptive text written by experimental group students.

Meanwhile, Agustina and Sudamarji (2018)_at SMAN 7 Kota Tangerang with sample 34 students as participants. This study employed a quantitative methodology with pre-experimental design. The result that mind mapping technique had improvement students' ability and it gives good adavantages and influence students' writing skill in biographical recount text. in the research of Karminah et al., (2017) which gaining data in Junior High School in Jaten Karanganyar with qualitative and quantitative methods. The researcher asks students to do pre-test to find details problem on students' writing skill and the result that student's writing should be improved.

It has a same result with research from Marpaung and Sinulingga (2013) which used quantitative and qualitative data to apply this study, it took place in Junior High School Methodist 1 Medan with 37 students as participants. In the first meeting, students' score still low after they do pre-test, the still confused and did not develop their idea into a recount text. After that, the researcher applied mind mapping technique as treatment, then the students ask to do post-test. It shown student has improvement in recount because they got higher score in post-test.

b. Students' Perception

Several studies provide an overview of students' perceptions in learning writing using mind mapping. In research of Alma (2013) states that most of students have positive response toward mind mapping technique in learning writing. The findings of the interviews show that the students loved this technique because it successfully inspired them to produce descriptive texts in a fun way. So, the majority of students reacted favorably to this approach. However, a tiny percentage of students had negative reactions to the use of mind mapping in the creation of descriptive texts.

In other studies from Fitria (2016) also have similar result, that during learning process, students shown a good response and enthusiasm in learning writing with mind mapping technique. As a result, their writing became of high quality. The students also learned how to diagnose in their writing so they might prevent them in future compositions. It indicated mind mapping technique give good impact for students of SMAN 4 Banda Aceh.

In the research of Agustina and Sudamarji (2018)_which conducted in SMAN 7 Kota Tangerang, it was good impact and gave positive influence for students' writing skill in biographical recount text and it shown awareness that story characters and events are interrelated.

Furthertmore, Karminah et al., (2017) also found that using mind mapping in Junior High School Jaten Karanganyar increased students' enthusiasm and interest, enhanced their participation in class and attention to the subject, made writing pleasant and lively, and helped them develop good writing habits.

Whereas, Marpaung and Sinulingga (2013)gained that using mind mapping helped student in writing recount text. During learning process, it showed good responds and has positive impact after using mind mapping of students in Junior High School Methodist 1 Medan. Several previous researches above have similarities with this research. They mostly describes about using mind mapping technique in writing. Meanwhile, the differences of the research, this research used a test and questionnaire to measure the ability of students for data collection. Many research used combination method, while this research only used quantitative method and another differences of the research, it took place in Aceh Junior High School Darul Ihsan, Aceh Besar while another research was conducted in Junior High School and Senior High School which area Bandung, Tangerang, Banda Aceh, Jaten, Medan.

The finding of previous studies indicated that Ho was rejected and Ha accepted, which means the use of treatment using mind mapping is effective in previous research studies.

CHAPTER III

RESEARCH METHODOLOGY

This chapter contains the research design, the research location, the data gathering techniques, and methods of data analysis.

A. Research Design

This research used a quantitative research with an experimental design. Adedoyin (2020) defines that quantitative research is systematic investigation of phenomena through the gathering of numerical data and use of mathematical, statistical, or computational methods. The researcher wants to explore how the mind mapping technique influences the students' writing skill of descriptive text. So that, choose an experimental design for this study. The major goal of the experimental design is to determine how a specific action impacts the investigation's results is the main objective of the experimental design. In experimental research, Mackey and Gass (2005) state that researcher actively modify one or more variables (independent variables) in order to determine the effect on other variables.

In this research, pre-experimental research was used as the design. Creswell (2016) state observing a large group and making observations within it during the investigation known as pre-experimental design. The method is the most effective method for one experimental group. The selection of pre-experimental design was

based by previous research which only took one class for using the post-test and pre-test and it turned out to be effective to see the effect of the treatment given.

First, a pre-test was carried out to obtain statistics, it intended to find out the application of mind mapping in teaching descriptive writing before being given remedial. Second, can be conducted a post-test to collect statistics after the treatment is finished. The results of the pre-test and post-test will be compared to find out the differences.

The research design involved evaluating the dependent variable before and after treatment. In this determination O1 was a pretest or assessment at baseline followed by years of treatment described as X which was then observed through other comments O2 was a post-test assessment. Example of Pre-Experimental Design:One Group Pre-test and Post-test Design based on Creswell (2016):

01_____X____02.

Above is the experimental design, where o1 means pre-test, X represented as research treatment and O1 illustrated as a pre-test and O2 means post-test. In this study, O1 was administered before administration treatment and O2 after giving treatment and X is used after giving pre-test.

In this study there are two variables, namely mind mapping was independent variable and teaching descriptive text as the dependent variable. The independent variable is the variable to influence another variable while the dependent variable is the variable being affected. The following table shows the research design.

Cassia	Independent	Dependent
Group	Variable	Variable
Experimental	Mind	Teaching Writing Descriptive
Group	Mapping	Text

B. Research Location

This research took place at Islamic Senior High School Darul Ihsan, which located in Siem, Darussalam Aceh Besar Districts. The motive for carried out this research at Islamic Senior High School Darul Ihsan Aceh Besar because there was a special subject that taught about English writing, it made easier for researcher to focus on students' writing abilities. The participants of this study are eleven grade students at MA Darul Ihsan. It had 10 classes total of eleven grade.

1. Population

The complete item of the study is referred to as the population. Shukla (2022) states that the population is a group or group of all units that are used as a reference for research findings. The population of this study was eleventh grade of Madrasah Aliyah Darul Ihsan consisting of 26 students where class XI-A, class XI-B consisted of 28 students, class XI-C consisted of 26 students, class XI-D consisted of 27 students, class XI- Class E consists of 29 students, class XI-F consists of 25 students in the 2022/2023 school year.

2. Sample

In this part, one class took to function as a sample. Sample selection was the most important step in conducting research. Arikunto (2006 as cited in Hatmoko, 2015) suggests that the sample was part or representative of the population studied. Sampling is intended to obtain information about the object of research and can be provided an overview of the population. In this study the researcher chose 1 class XI-A as the sample. The reason for choosing this class as a sample is because this class has studied descriptive text material so that it is in accordance with the research teaching materials of this study.

C. Technique of Data Collection

Data collection is an important part of research, data collected by quantitative research. In fact, quantitative can be done from tests and questionnaires in the experimental group. Tests are needed for this study to gain the effectiveness of using mind mapping techniques in teaching writing and students' perceptions of writing performance. To answer the problems, it offered pre-test, post-test, and questionnaires for each individuals.

The researcher did teaching, and it allotted in three part, there are; pre teaching, teaching, and post teaching. In pre-teaching, explained about purposing of learning and gave them comprehension based on lesson plan. Then, it was did teaching and gave students pre-test. After getting a score of pre-test, another action that conducted in teaching was treatment for students by taught mind mapping technique to enhance students' skill in descriptive text. Following the completion of the preliminary review, then offered a remedy employing mind mapping approaches to enhance their writing. After treatment, the students did a post test to see whether there was a difference between the initial exam and the subsequent exam before and after treatment. Last of part teaching preparation was post-teaching. In this section, students asked to answer questionnaire to describe their perceiving of using mind mapping technique in writing performance. This section held in last day.

1. Test

One of the data collection techniques used in this study is a test. The test aims to measure intelligence, understanding and potential of students. Examination give to measure students' writing ability. The benefit of this test made it possible to evaluate how well mind mapping helped students' writing skills. The pre-test is carried out before giving treatment, trying to make students aware of the writing challenges they faced. The test divided into two parts. Students asked to determine the structure of text, then asked to write related texts about "describing people" in the first part. Each student was given 15 minutes, then rate how well they wrote about describing people.

After first section was completed, the treatment of mind mapping technique used as solution to perfect the descriptive writing. After undergoing treatment, students did a post-test with re-writing a descriptive text about describing people to see whether difference between the initial exam and the next exam. The pre-test and post-test tried to obtain quantitative data for comparing the two tests.

2. Questionnaire

Kothari (2004) argues this strategy involves sending a questionnaire to the individuals in question and asking them to complete and return it. A questionnaire is made up of a number of question that are printed or typed on a form or set of forms in a specific order. The questions must be answered independently by the respondents.

A questionnaire was the following method of data collection. Using Likert Scale in filling out the questionnaire. The Likert Scale is a non-comparative scaling method that assessed only one natural characteristic. There are 12 questions in this questionnaire which consisted of three parts of writing process, namely; pre-writing which contained planning of writing before starting to write. Then, the next process is writing, in this sub-chapter the writing process is carried out by combining the ideas of selecting appropriate descriptive elements to the writing. The last stage is postwriting, whereas in this stage are editing and revision of the writing that is ready.

The questionnaire statements asked respondents to choose the level of agreement that best described their feelings. There are five differences response levels: 1. Strongly Disagree (SD) 2. Disagree (D) 3. Neutral (N) 4. Agree (A) 5. Strongly Agree (SA). However, in this study only four responses will be used due to the suitability of the statements in the questionnaire, there are; 1. Strongly Disagree (SD) 2. Disagree (D), 3. Agree (A) 4. Strongly Agree (SA). Twelve statements from the questionnaire must be answered by students. The students have 10 minutes for completing the questionnaire in order to obtain the results.

D. Technique of Data Analysis

There were two research questions have already been mentioned. The main point research question concerned the effectiveness of using mind mapping technique in teaching writing descriptive texts with the second research question concerned on students' perceptions. Pre-test and post-test were used to collect data. When the data was obtained, it was analyzed by using SPSS, a tool for statistical analysis. Statistical Package for the Social Sciences is known as SPSS.

The second one of research problem concerns student's perceiving of writing performance, a questionnaire employed as data collecting. Calculating the average score of pre-test and post-test:

 $X: \Sigma \frac{Fx}{N}$

X : Mean

Fx : Total score of frequency

N : The number of sample

To classify the data, it was necessary to analyze the results of the questionnaire. The answers are presented in the form of observed frequencies. After calculated the frequency the data, then it calculated in percentage calculations, with the following formula:

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

P : Percentage

F : Frequency

N : Number of sampling

100% : Constant value

CHAPTER IV

RESEARCH FINDINGS AND DISCUSSIONS

A. Findings

The finding of the research presented are from with pre-test, post-test, and questionnaire.

1. The Result of the Test

The results of the test aims to answer the first research question. To see the difference between pre-test and post-test average score. There are 26 students worked as a result of the pre-test. However, two of they are presented as the sample for data analysis in this section. Another results displayed in appendix.

a. The Result of the Pre-test

(Ibentification	Barack Obama is the president of United States. He is an African-American. He is tall and thin.
ł	He is bald He has dark complexion, pointed nose, and oval face. s_{P} K_{L} K_{L}
	He is the first black man who becomes the president of United States. He is known as a smart $\frac{2}{\sqrt{2}}$
Onerintaria	and wise man. He is a loving husband for his wife and a good father for his two children. People
Description	from all over the world adore him because of his spirit and action in creating peace in this world.
	He also looks friendly because he always smiles a lot.
	Mr.farhan
mr.farha	n is another my friend he is handsome He is student in Dayah Darul Incan

Figure 4. 1 Result of Pre-test

The figure 4.1 is the result sample of data analysis in pre-test from one of the students who was the respondent in this study. This student gained a score of 50 for his pre-test result, the students' text result were assessed based on consideration determining structure of descriptive text, writing technique, and the results of student texts that have been worked on.

In the first text, students are required to analyze the structure and characteristics of descriptive text as an assessment. From the text, students only mentioned 4 language features in the text. However, students succeed to identify the structure of the text. So that students got score 30 of the task. While in the second assignment, students are required to make descriptive texts about describing people.

While, in the next task given students only wrote identification in the form of two sentences. This caused the text to be imperfect and very short, so it does not become a perfect text the score of 20 was given by researchers, which is totaled in the two tasks of texts to 50.

		1	AH-	Score	RI V	7	
No	Name	Form at	Content and Organization	Punctuation, Capitalization, and Spelling	Grammar and Sentence Structure	Checking Personal Grammar	- Final Score
1	AK	10	15	10	10	15	60
2	А	10	10	20	10	10	60
3	EA	5	5	15	15	10	50
4	FA	10	10	10	10	10	50

Table 4. I Table of Students Tretest Score	Table 4.1	Table of Students'	Pretest Score
--	------------------	---------------------------	----------------------

5	FS	20	10	10	10	10	60
6	FA	20	10	20	10	20	80
7	FA	5	5	5	5	20	40
8	FA	15	15	10	10	20	70
9	IF	10	5	10	10	10	45
10	MFR	10	10	10	10	10	50
11	MFA	15	5	5	10	15	50
12	MR	15	15	10	10	10	60
13	MN	15	10	10	15	20	70
14	М	20	15	15	15	15	80
15	MF	15	10	10	15	15	65
16	MH	20	15	10	10	20	75
17	MDF	15	15	15	15	20	80
18	ML	20	10	15	20	20	85
19	MZA	10	10	20	10	10	60
20	MA	15	10	10	10	15	60
21	RS	10	10	15	15	10	60
22	TFB	10	10	10	10	10	50
23	SM	10	10	15	10	15	70
24	SR	5	5	5	5	20	40
25	YZ	15	10	10	10	20	65
26	SAPJ	5	5	10	5	15	40
Tot al	26						1.580
N	Iean			X 8 2 년 11년 50		191919191919	60,76

The pre-test values presented in the table above can also be presented in the frequency distribution table as below.

Deres Deres	Student's	Student's
Score Range	Frequency	Precentage
40 - 50	9	35%
51 - 60	6	23%
61 – 70	6	23%
71 - 80	4	15%
81 - 90	1	4%
91 - 100	0	0%
Total	26	100%

Table 4. 2 The Percentage Table of Students' Pre-test Score

Table 4.2 showed that the highest score in the pre-test is 85. The table above also showed the number of students in different score ranges. There was only 1 student scored in the interval 81-90 (4%) in the pre-test, students in the interval 71-80 (15%) consisted of 4 students. Students in the interval 51-60 were the same as in the intervals 61-70 (23%) consisted 6 students and 40-50 that is 9 students (35%).

From the table above, the average value of the pre-test can also be calculated as follows:

 $X : \sum \frac{F_X}{N}$ $X : \frac{1580}{26}$ X : 60,76

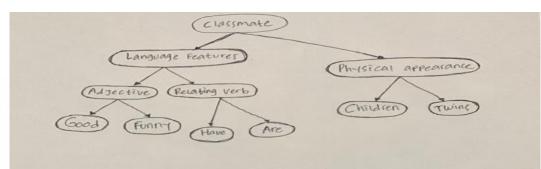
The average score can be calculated by dividing frequencies by the total number of students. The mean score of the pre-test was 60,76. These results indicated that the students' writing scores are still in the low category, 60,76.

b. The Result of the Post-test

The test's outcome tries to answer to the initial research question. To compare the average score between the pre-test and post-test. As a result of the post-test, 26 students were assigned to work. However, only 2 of them are used as a sample in this section's data analysis. While additional results are shown in the appendix.

10161111 Class: 5⁴ Barack Obama is the president of United States. He is an African-American Vie is ta SPECIAL PROVIDENCE He is hald. He has dark complexion, pointed nose, and oval face. He is the first black man who becomes the president of United States. He is known as a smart 10 and wise man. He is a loving husband for his wife and a good father for his two children. People from all over the world adore him because of his spirit and action in creating peace in this world. Feiller. He also looks friendly because he always smiles a lot Keyn

Figure 4. 2 *The result of post-test*



My classmate,

. Their name are dono and doni are twins who have classmate like each other. They are children, They rive they look exectly grand mother which with their sister, and their They go to Darul Insan For learn the Atiah and Foreign leaguage the same clothes, tishirts, and teachers. They are Funny TKE to each other, they good to their parents, are good priends. They are unhappy because their friends teachers and difficult to different them teachers

Figure 4. 3 The result of post-test

The assessment carried out on the task was based on the results of the student's analysis of the first text. In this section, students are asked to create mind mapping and text based on mind mapping which are available, at the same time they succeeded in identifying the components and structure of a descriptive text. However, in analyzing the text the student did not underline the present sentence, but only underlined the word so that a score of 45. The scoring based on consideration of the assessment aspects which seen from the determination of the structure of the text and language features, as well as the results of writing the text. Meanwhile, in the second text the student succeeded in writing a descriptive text after using mind mapping according to the instructions and the student got 50, and the text result appropriate to mind mapping created. From the two scores combined it becomes 95.

				Score			_
No	Name	Format	Content and Organizati on	Punctuation, Capitalization, and Spelling	Grammar and Sentence Structure	Checking Personal Grammar	Final Score
1	AK	15	15	20	20	20	90
2	А	20	15	10	10	15	70
3	EA	20	15	15	15	10	75
4	FA	15	15	15	10	10	65
5	FS	20	15	15	15	20	85
6	FA	20	15	20	10	20	85
7	FA	15	10	15	10	15	65
8	FA	15	15	15	15	15	75
9	IF	15	15	10	10	10	60
10	MFR	20	10	15	10	20	75
11	MFA	10	15	15	10	10	60
12	MR	20	20	20	10	15	85
13	MN	20	15	15	15	15	80
14	М	20	15	15	20	20	90
15	MF	15	15	20	15	15	80
16	MH	20	20	10	10	20	85
17	MDF	15	15	20	15	20	85
18	ML	20	15	15	20	20	90
19	MZA	20	20	20	15	20	95
20	MA	15	10	15	10	15	65
21	RS	15	10	15	15	20	75
22	TFB	15	20	20	15	15	85
23	SM	10	10	10	10	20	60
24	SR	15	15	15	10	15	70
25	YZ	10	10	15	15	20	70
26	SAPJ	15	15	15	20	15	80
To tal	26						2.000
N	Iean						76,93

Table 4. 3 Table of Student Post Test Score

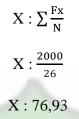
The post-test values presented in the table above can also be presented in the frequency distribution table as below.

Score Range	Student's Frequency	Student's Precentage
40 - 50	0	0%
51 - 60	3	12%
61 – 70	6	23%
71 - 80	7	27%
81 - 90	9	35%
<mark>91</mark> – 100	1	4%
Total	26	100%

Table 4. 4 The Percentage Table of Students' Post-test Score

Table 4.4 Indicated that the lowest score in the interval began at 51 and that the maximum score students could receive on the post-test was 100. According to the table above, there was 1 student whose is the best in the range of 91–100 (4%), students whose score in the range 81-90 (35%) are 9 students whose score in the range 71-80 (27%) were 7 students, students whose score in the range 61-70 (23%) are as many as 6 students, students who scored in the range 51-60 (12%) were 3 students, whereas there was 0 student who scored in in interval 40-50 (0%).

Regarding to the table above, the maximum score got by students was 95, it means the result of number post-test increased from the pre-test score. From the table above, the average value of the post-test can also be calculated as follows:



The average score gained by dividing frequencies by the total number of students. The result of the students' average score on the post-test was 76,93. These results indicated an increasing in the scores of the post-test. On the pre-test, the students got an average score of 60,76 and then there was an increasing of the post-test score of 76,93. In short, the students' mean scores improved by 16 points.

c. The Result of the Pre-test and Post-test

No	Student's Initial	Final Score Pre- test	Final Score Post- test
1	AK	60	90
2	А	60	70
3	EA	50	75
4	FA	50	65
5	FS	60	85
6	FA	80	85
7	FA	40	65
8	FA	70	75
9	IF	45	60
10	MFR	50	75
11	MFA	50	60
12	MR	60	85
13	MN	70	80
14	М	80	90

Table 4. 5 The Students' Scores of Paired Writing Pre-test and Post-test

15	MF	65	80
16	MH	75	85
17	MDF	80	85
18	ML	85	90
19	MZA	60	95
20	MA	60	65
21	RS	65	75
22	TFB	50	85
23	SM	70	60
24	SR	40	70
25	YZ	65	70
26	SAPJ	40	80

Table 4. 6 Comparison Score by Using T-Test

		Р	aired Sa	ample Statistics	
		Mean	Ν	Std. Deviation	Std. Error Mean
Pair 1	Pre-test	60,7 <mark>6</mark> 92	26	13,16756	2,58237
	Post-test	76,9231	26	10,3997	2,03955

	Paired Samples Correlations				
		N	Correlation	Sig.	
Pair 1	Pre-test and	26	.485	.012	
	Post-test				

				Paired	Sample Test				
	Paired Differences								
Paired Sample Test		est Me Deviatio		Std. Error Mean	95% Confidence Interval of the Difference		Т	D	Sig. (2- tailed)
		an	an Mean n		Lower	Upper		1	taneu)
Pair 1	Pre- post	- 16, 15	12,1908	2,39081	-21,078	-11,23	- 6,7 57	2 5	.000

t table :

 $t_{\alpha/2, n-1} = t_{0,05/2, 26-1} = t_{0,025, 25} = 2,059$ t tes = - 6,757

Based on paired sample test table above showed a significance value of (2tailed) 0,000 < 0,05 which indicated a significant difference between post test and pre test. It can be concluded that there are differences score in the effect of the treatment given to each test. initial hypothesis was rejected and ha accepted, which means the use of treatment using mind mapping was effective in this research study.

2. The Result of the Questionnaire

Based on the questionnaire results, a number of students perceive for improving students in writing process. They into three types of process writing: pre-writing, writing, post-writing

a. Pre-writing

Prewriting is the initial action. Pre-writing helped students to generate the ideas. Students selected a topic and organize ideas into simple outline in this step. Based on the data from the questionnaire, it has similar dominant improving of students writing process in pre-writing between brainstorming ideas for writing and using ideas for making outline by mind mapping, it has a number students of 22 from 26 students. This was the data in table below:

No	Statemante	Frequency (F)						
	Statements	SA	Α	D	SD	Total		
1.	Mind mapping helps me in brainstorming ideas for writing	12 (46,2%)	10 (38,5%)		2 (7,7%)	26 (100%)		
2.	Mind mapping helps me in using ideas for making outline	12 (46,2%)	10 (38,5%)	1 (3,8%)	~	26 (100%)		

Table 4. 7 Pre-writing

Table 4.7 showed that the first question received a percentage of (84.7%) totaled from agree and strongly agree which means that 22 students who are assisted in brainstorming ideas for writing by mind mapping technique. While, there were 2 students (7.7%) chose strongly disagree answer for the first question, it means mind mapping technique did not help them for it. It was same case for second statement which found that there were 22 students (84.7%) felt that mind mapping helped them in using ideas for making outline. So, it can be concluded that mind mapping dominance helped students in pre-writing.

b. Writing

There are several process of writing for students in writing descriptive text. It can be seen that percentage of students who answered differently. It follows the data obtained based on the table below:

No	54040	Frequency (F)					
No	Statements	SA	Α	D	SD	Total	
3.	Mind mapping helps me in interconnecting of the idea	13 (50.0%)	7 (26.9%)	2 (7.7 %)		26 (100%)	
4.	Mind mapping helps me in determining the identification and description of descriptive text	14 (53.8%)	7 (26.9%)	1 (3.8 %))	26 (100%)	
5.	Mind mapping makes me easier in choosing of proper adjective in descriptive text	9 (34.6%)	12 (46.2%)	3 (12 %)	-	26 (100%)	
6.	Mind mapping helps me in drafting ideas of writing	11 (42.3%)	10 (38.5%)	1 (3.8 %)	i	26 (100%)	
7.	Mind mapping gives me sequential ideas in composing descriptive text	14 (53.8%)	7 (26.9%)	1	1	26 (100%)	

Table 4. 8 Writing

Based on table 4.8 found the result of the questionnaire there were 20 students (76,9%) who perceived that mind mapping helped them in interconnecting the idea, and 2 students (7,7%) thought that mind mapping did not work for the statement. A number of 21 students (80,7%) argued that mind mapping helped them in determining the identification and description of descriptive text and easier them in choosing of proper adjective in descriptive text, and 1 student argued it did not work for determining of identification and description of descriptive text, it has same percentage for the statement that mind mapping helped them in drafting ideas of writing and gave them sequential ideas in composing descriptive text. While 3

students (11,5%) disagreed that mind mapping easier them to choose proper adjective for the text, and 1 student (3,8%) argued mind mapping could not help them in drafting ideas of writing.

c. Post-writing

There are many percentage of post writing from students who answered differently. The data gained from the table below:

NI.	Statements	Frequency (F)				
No	Statements	SA	A	D	SD	Total
8.	Mind mapping helps me in evaluating what I have written	8 (30.8%)	11 (42.3%)	1 (3.8%)	1	26 (100%)
9.	Mind mapping helps me in revising the ideas whether they have been incorporated in the descriptive text	7 (26.9%)	9 (34.6%)	1 (3.8%)	1 (3.8%)	26 (100%)
10.	Mind mapping helps me in revising the writing how both of identification and description in structure of descriptive text have relation	11 (42.3%)	8 (30.3%)	2 (7.7%)	Y .	26 (100%)
11.	Mind mapping helps me in editing of transition signals such as relating verb and proper adjective for accomplishing descriptive text	7 (26.9%)	10 (38.5%)	1 (3.8%)		26 (100%)

Table 4. 9 Post Writing

12.	Mind mapping makes me in editing descriptive text and corrected most of errors in descriptive text	11 (42.3%)	7 (26.9%)	3 (12%)	-	26 (100%)
	text	222				

Table 4.9 the eighth statement found that there were as many as 19 students (73.1%) that the use mind mapping helped them in evaluating what they have written, and 1 student did not think so for the statement. While, 16 students (61.5%) admitted mind mapping technique helped them in revising the ideas whether they have been incorporated in the descriptive text, and there were 2 students (7.7%) that mind mapping did not help them for that. The ten questions gained 19 students (73.1%) have dominant answer that means mind mapping helped them me in revising the writing how both of identification and description in structure of descriptive text have relation, nevertheless a number of 2 students did gain it. Then, for the next statement it has 17 (65.4%) students thought that mind mapping me in editing of transition signals such as relating verb and proper adjective for accomplishing descriptive text, and only 1 student (3.8%) do not think so. The last question of post-test found that 18 students (65.4%) admitted that the use mind mapping technique helped them in editing descriptive text and corrected most of errors in descriptive text, but it was 3 students (11.5%) considered that mind mapping did not work. These results showed mind mapping technique overall really helped students in every aspects of postwriting.

The overall data from the questionnaire based on student's perceiving of using mind mapping during process writing from pre-writing, writing, and post writing concluded that students are assisted in the writing process by using mind mapping technique. There was no significant difference result from pre-writing, writing, and post writing.

B. Discussions

This part discusses the findings to answer research questions. The questions in this study:

- 1) How do the use mind mapping improve students' performance of descriptive text?
- 2) How do the students perceive the use mind mapping for improving their writing performances?

The first research question is about whether the use mind mapping improve students' in writing descriptive text. From the result of T-test above, it can be concluded that the use mind mapping technique improved students in writing descriptive text through using mind mapping technique. Based on the result of pretest, the mean showed was 60.76 while the result of post-test average score gained 76.93. The data showed that the mean score both of test differences. It proved that students' ability changed and improvement after using mind mapping technique in writing descriptive text. In addition, the use of mind mapping also made students easier to determine the structure of texts and to write the text. The outcome is related to a study carried out by Nurlaila (2013) that chose students' results using the T-Test. Because the post-test scores after treatment were higher, it was concluded in this study that there was a significant change in the students' scores from pre-test to post-test. Therefore, it became clear that mind mapping helped students write more descriptive writings.

Then, another research from Fitria (2016) with quantitative method which located at SMAN 4 Banda Aceh. This research used experimental design with experimental group and control group and a test as an instrument for collecting data. The mean score of experimental group and control group was compared using independent sample t-test, it applies to pre-test and post-test. The data showed that using mind mapping was effective to improve student's score of descriptive text written by experimental group students.

Meanwhile, in research of Agustina and Sudamarji (2018) at SMAN 7 Kota Tangerang with sample 35 students as participants. This study employed a quantitative methodology with pre-experimental design. The result that mind mapping technique had improvement students' ability and it gives good adavantages and influence students' writing skill in biographical recount text.

In the research of Karminah et al., (2017) which gaining data in Junior High School in Jaten Karanganyar with qualitative and quantitative methods. The researcher asked students to do pre-test to find details problem on students' writing skill and the result that student's writing should be improved. It has a same result with research from Marpaung and Sinulingga (2013) which used quantitative and qualitative data to apply this study, it took place in Junior High School Methodist 1 Medan with 37 students as participants. In the first meeting, students' score still low after they do pre-test, the still confused and did not develop their idea into a recount text. After that, the researcher applied mind mapping technique as treatment, then the students asked to do post-test. It shown student has improvement in recount because they got higher score in post-test.

The second research question is about students' perceiving of using mind mapping technique for improving their writing process. From the questionnaire data found most of students are helped by using mind mapping technique for improving their writing process. A total of 84.7% agreed that mind mapping helped students in brainstorming ideas for writing, while only 7.7% disagreed with it. Overall, it means mind mapping technique helped student during writing process from pre-writing up to post-writing.

The study's findings and discussion suggested that the mind technique was effective in inspiring students to compose descriptive texts. Students who used mind mapping were able to create descriptive text more skillfully by expanding their vocabulary, increasing their originality, structuring their sentences, and organizing their thoughts.

This finding is consistant with Nurlaila's (2013) research finding that most of students had positive response toward mind mapping technique in learning writing. The findings of the interviews showed that the students loved this technique because

it successfully inspired them to produce descriptive texts in a fun way. So, the majority of students reacted favorably to this approach. However, a tiny percentage of students had negative reactions to the use of mind mapping in the creation of descriptive texts. However, this finding is different from this research because this research used questionnaire to measure student's perceiving, while alma's research used interviews for that.

Meanwhile, Fitria (2016) assumed that during learning process students shown a good response and enthusiasm in learning writing with mind mapping technique. As a result, their writing became of high quality. The students also learned how to diagnose in their writing so they might prevent them in future compositions. It indicated mind mapping technique gave good impact for students of SMAN 4 Banda Aceh.

In the research of Agustina and Sudamarji (2018) which conducted in SMAN 7 Kota Tangerang, it was good impact and gave positive influence for students' writing skill in biographical recount text and it shown awareness that story characters and events are interrelated.

Furthertmore, Karminah et al., (2017) also found that using mind mapping in Junior High School Jaten Karanganyar increased students' enthusiasm and interest, enhanced their participation in class and attention to the subject, made writing pleasant and lively, and helped them develop good writing habits.

This relatedness with Marpaung and Sinulinga (2013) gained that using mind mapping helped student in writing recount text. During learning process, it showed good responds and had positive impact after using mind mapping of students in Junior High School Methodist.

Based on explanation, mind mapping as one of technique in teaching English helped the students English skill. The method offers a lot of advantages as an alternative way of learning English. One of advantages mind mapping is being able to visualize the steps that will be taken before worked, it makes time more efficient in learning a thing or information. Mind mapping is appropriate method be applied to students in teaching writing because it can brainstorming the ideas student and easier students in writing of the text especially in descriptive text. Moreover, mind mapping technique also helped students to be creative and critical thinking and it overcomes student difficulty in writing skill.

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CHAPTER V

CONCLUSION AND RECOMMENDATIONS

The study's conclusions and recommendations are presented in this chapter. The writing of conclusions is founded on the analysis of the data based on of the research question. Also given are some suggestions.

A. Conclusion

First, it can be concluded that study focused on the effectiveness of using mind mapping in teaching writing descriptive text to students in Darul Ihsan. It can be inferred from the previous chapter's description that the mind mapping technique has been effectively applied and has improved students' writing as well as their learning process. The conclusions reached in previous chapters are described in the paragraphs that follow. According to the data collected, MA Darul Ihsan students have been successful in implementing learning through mind mapping technique, and using of this media aids helpe students during process writing performance in producing descriptive text. The pre-test results showed the average score has 60.76 and in post-test has mean 76.93. After being tested by t-test using SPSS gained a significance value of (2-tailed) 0,000<0,05 which indicated difference score between pre-test and post-test. It concluded that there is an effect of the treatment given to each test. Briefly, the use of mind mapping technique in writing descriptive text improved student's writing skill.

Secondly, during process of writing performance students also gave positive answer of perceiving from the questionnaire. During the use of mind mapping in the pre-writing process, students are assisted in brainstorming their ideas, making an outline before writing. However, there has been progress in their writing process using mind mapping so that they are able to interconnect the ideas, determine the structure of the descriptive text and choose the proper adjectives. Besides that, mind mapping also helped students in drafting ideas to write sequentially in composing descriptive text. While, in the post-writing, it was found that mind mapping really helped students in evaluating and revising the writing they have written. Mind mapping also helped students in editing transition signals and can correct errors in writing descriptive text. So, based on the questionnaire learning writing through mind mapping technique really assisted students in every aspects of writing.

B. Recommendations

After conducting research of using mind mapping technique in teaching writing descriptive text, I would like to recommend several things.

1. Teacher

Teaching English writing, especially in descriptive text English teacher should use mind mapping technique to teach writing descriptive text. Mind mapping technique is appropriate technique for teaching writing. In addition, teachers can be applied mind mapping is not only for descriptive text, but also for teaching any kind of writing. 1. Students

After seeing students' ability of writing descriptive text, the most expected is awareness from within the individual students must practice writing to improve their abilities by using mind mapping technique to help them in writing performance.

2. Future Researcher

This study has been carried out, but its limitation exists. It would a limitation under of students. There was only 25 students for participants in this study. Therefore, future researchers can be added the number of participants to find varied results. The researcher also hopes that future researchers can be investigate more deeply the use mind mapping technique in teaching descriptive text.

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APPENDIXES

Appendix A

Appointment Letter of Supervisors

SUI	RAT KEPUTUSAN DEKAN FAKULTAS TARBIYAH DAN KEGURUAN UIN AR-RANIRY Nomor : B-15378/UN.08/FTK/KP.07.6/12/2022
PENGAN	TENTANG NGKATAN PEMBIMBING SKRIPSI MAHASISWA FAKULTAS TARBIYAH DAN KEGURUAN UIN AR-RANIRY
	DEKAN FAKULTAS TARBIYAH DAN KEGURUAN UIN AR-RANIRY
Menimbang	 a. bahwa untuk kelancaran bimbingan skripsi dan ujian munaqasyah mahasiswa pada Fakultas Tarbiyah dan Keguruan UIN Ar-Raniry Banda Aceh, maka dipandang perlu menunjuk pembimbing skripsi tersebut yang dituangkan dalam Surat Keputusan Dekan; bahwa saudara yang tersebut namanya dalam surat keputusan ini dipandang cakap dan memenuhi syarat untuk diangkat sebagai pembimbing skripsi.
Mengingat	 Undang-undangNomor 20 Tahun 2003, tentang Sistem Pendidikan Nasional; Undang-undang Nomor 14 Tahun 2005, tentang Guru dan Dosen; Undang-undang Nomor 12 Tahun 2012, tentang Pendidikan Tinggi; Peraturan Pemerintah Nomor 74 Tahun 2012 tentang Pendidikan ringgi; Peraturan Pemerintah Nomor 74 Tahun 2012 tentang Pendidikan Tinggi; Peraturan Pemerintah Nomor 4 Tahun 2013, tentang Penyelenggaraan Pendidikan Tinggi dan Pengelolaan Perguruan Tinggi; Peraturan Pemerintah Nomor 4 Tahun 2013; tentang Perubahan IAIN Ar-Raniry Banda Aceh Menjadi UIN Ar-Raniry Banda Aceh; Peraturan Menteri Agama RI Nomor 12 Tahun 2015, tentang Organisasi dan Tata Kerja UIN Ar-Raniry Banda Aceh; Peraturan Menteri Republik Indonesia No. 21 Tahun 2015, tentang Statuta UIN Ar-Raniry; Keputusan Menteri Keuangan Nomor 492 Tahun 2003, tentang Pendelegasian Wewenang, Pengangkatan, Pemindahan dan Pemberhentian PNS di Lingkungan Departemen Agama Republik Indonesia; Keputusan Menteri Keuangan Nomor 293/KMK.05/2011 tentang Pendelagasian Mewenang, Islam Negeri Ar-Raniry Banda Aceh pada Kementerian Agama sebagai Instansi Pemerintah yang Menerapkan Pengelolaan Badan Layanan Umum;
Memperhatikan	 Dekan dan Direktur Pascasarjana di Lingkungan UIN Ar-Raniry Banda Aceh; Keputusan Sidang/Seminar Proposal Skripsi Prodi Pendidikan Bahasa Inggris Fakultas Tarbiyah dan Keguruan UIN Ar-Raniry Tanggal 21 Oktober 2022
Menetapkan PERTAMA	MEMUTUSKAN : Menunjuk Saudara: 1. Dr. Jarjani Usman, S.Ag., SS., M.Sc., M.S 2. Drs. Amiruddin, M. Pd. Sebagai Pembimbing Pertama Untuk membimbing Skripsi : Nama : Zurrafiqah NIM : 180203020 Program Studi : Pendidikan Bahasa Inggris Judul Skripsi : Using Mind Mapping Techniques in Teaching Writing Descriptive Text
KEDUA	: Pembiayaan honorarium pembimbing pertama dan kedua tersebut diatas dibebankan pada DIPA UIN Ar-Raniry
KETIGA KEEMPAT	 Banda Aceh Nomor: SP DIPA. 025.04.2.423925/2022, tanggal 17 November 2021. Surat keputusan ini berlaku sampai akhir semester Genap Tahun Akademik 2022/2023 Surat Keputusan ini berlaku sejak tanggal dirtengkan dengan ketentuan segala sesuatu akan diubah dan diperbaiki kembali sebagaimana mestinya apabila kemudian hari ternyata terdapat kekeliruan dalam penetapan ini.
	Ditetapkan di: Banda Aceh Pada Tanggal: 01 Desember 2022 Dekam Marting Samul Huluk Samul Huluk

Appendix B

Recommendation Letter from The Fakultas Tarbiyah dan Keguruan to Conduct

Field Research



KEMENTERIAN AGAMA UNIVERSITAS ISLAM NEGERI AR-RANIRY FAKULTAS TARBIYAH DAN KEGURUAN JI. Syeikh Abdur Rauf Kopelma Darussalam Banda Aceh Telepon : 0651-7557321, Email : uin@ar-raniy.ac.id

Nomor : B-2954/Un.08/FTK.1/TL.00/02/2023 Lamp :-Hal : Penelitian Ilmiah Mahasiswa

Kepada Yth,

Kepala MA/MAS Darul Ihsan

Assalamu'alaikum Wr.Wb.

Pimpinan Fakultas Tarbiyah dan Keguruan UIN Ar-Raniry dengan ini menerangkan bahwa:

 Nama/NIM
 : ZURRAFIQAH / 180203020

 Semester/Jurusan
 : / Pendidikan Bahasa Inggris

 Alamat sekarang
 : Gampoeng Lamgugob, Kec. Syiah Kuala, Kota Banda Aceh

Saudara yang tersebut namanya diatas benar mahasiswa Fakultas Tarbiyah dan Keguruan bermaksud melakukan penelitian ilmiah di lembaga yang Bapak/Ibu pimpin dalam rangka penulisan Skripsi dengan judul Using Mind Mapping Technique in Teaching Writing Descriptive Text

Demikian surat ini kami sampaikan atas perhatian dan kerjasama yang baik, kami mengucapkan terimakasih.

Banda Aceh, 03 Maret 2023 an. Dekan Wakil Dekan Bidang Akademik dan Kelembagaan,



Prof. Habiburrahim, S.Ag., M.Com., Ph.D.

Berlaku sampai : 08 April 2023

Appendix C

Confirmation Letter from School



Appendix D

Lesson Plan

Rencana Pelaksanaan Pembelajaran					
Sekolah	: MA Darul Ihsan				
Mata Pelajaran	: Bahasa Inggris				
Kelas	: XI				
Materi Pokok	: Teks Deskriptif Lisan dan tulis sederhana tentang orang				
Alokasi Waktu	: 2 x 45 Menit (2 JP)				

A. Kompetensi Dasar dan Indikator

1				
Kompetensi Dasar	Indikator			
3.7 Menganalisis fungsi sosial,	3.7.1 Membedakan fungsi social,			
struktur teks, dan unsur kebahasaan	struktur teks, dan unsur kebahasaan			
pada teks deskriptif sederhana sesuai	pada teks deskriptif sederhana			
dengan konteks penggunaannya	tentang orang			
	3.7.2 Menyimpulkan fungsi social,			
	struktur teks, dan unsur kebahasaan			
	pada teks deskriptif sederhana			
	tentang orang			
4.10 Menyusun teks deskriptif 4.10.1 Menyusun teks deskriptif				
tentang dengan memperhatikan	sederhana tentang orang dengan			
struktur teks dan unsur kebahasaan	memperhatikan struktur teks, dan			
secara benar	unsur kebahasaan secara benar sesuai			
and the second se	dengsn konteks			
عبة الرائرين	4.10.2 Menyusun teks deskriptif tulis			
	sederhana tentang orang dengan			
AR-RAN	memperhatikan struktur teks, dan			
The second secon	unsur kebahasaan secara benar sesuai			
	dengan konteks			

- B. Tujuan Pembelajaran
 - 1. Peserta didik terampil menganalisis dan menangkap makna teks deskripsi tentang orang untuk melaksanakan komunikasi transaksional dan fungsional dengan guru dan teman dengan menggunakan struktur teks yang runtut dan unsur kebahasaan yang benar sesuai konteks.

- 2. Peserta didik menyusun teks deskriptif tentang orang untuk melaksanakan komunikasi transaksional dan fungsional dengan guru dan teman dengan menggunakan struktur teks yang runtut dan unsur kebahasaan yang benar sesuai konteks.
- C. Materi Pembelajaran

Materi Pokok

Teks deskriptif tulis sederhana tentang "describing people"

Fungsi Sosial

Mendeskripsikan seseorang baik dari segi penampilan, sifat, maupun kebiasaan dalam kehidupan sehari-hari.

Struktur Teks

- a. Penyebutan nama orang dan nama bagian-bagian yang dipilih untuk dideskripsikan
- b. Penyebutan sifat seseorang dan bagiannya
- c. Penyebutan tindakan dari atau terkait seseorang

Unsur Kebahasaan

- a. Menggunakan adjective
- b. Tata bahasa: Simple Present
- c. Menggunakan action verb

Topik

Mendeskripsikan tentang orang terdekat

D. Langkah-langkah Pembelajaran

Indikator pencapaian pada pertemuan-1:

3.7.1 Membedakan fungsi social, struktur teks, dan unsur kebahasaan pada teks deskriptif sederhana tentang orang

3.7.2 Menyimpulkan fungsi social, struktur teks, dan unsur kebahasaan pada teks deskriptif sederhana tentang orang

Indikator pencapaian pada pertemuan-2:

4.10.1 Menyusun teks deskriptif lisan sederhana tentang orang dengan memperhatikan struktur teks, dan unsur kebahasaan secara benar sesuai dengsn konteks

4.10.2 Menyusun teks deskriptif tulis sederhana tentang orang dengan memperhatikan struktur teks, dan unsur kebahasaan secara benar sesuai dengan konteks

Tahapan Pembelajaran	Kegiatan Pembelajaran	Alokasi Waktu
Kegiatan Pendahuluan	1. Guru memberi salam kepada seluruh peserta didik.	10 Menit
	2. Guru meminta salah satu 3. Peserta didik	
	untuk untuk memimpin doa.	\mathcal{M}
	4. Guru mengajukan pertanyaan	77
	terkait tema yang akan dipelajari.	1 5
L	5. Guru mengaitkan materi pelajaran dengan	
	pengalaman peserta didik. 6. Guru	r /
5	menyebutkan tujuan pembelajaran.	
Kegiatan Inti	Mengamati 1. Peserta didik	25 Menit
	memperhatikan penjelasan Guru terkait deskriptif text.	

	 Peserta didik mendengar dan mengamati guru dan gambar yang ditampilkan Peserta didik belajar menemukan gagasan pokok dan informasi yang rinci dari teks deskripsi yang ditampilkan 		
	Menanya		
	1. Pe <mark>ser</mark> ta didik menyimak	- A .	
	pertanyaan guru	11/1	
	2. Peserta didik		
	menanyakan tentang fungs <mark>i</mark>	/ /	
	social, struktur		
	teks, dan unsur		
	kebahasaan dari teks deskriptif		
	3. Peserta didik		
	menyimak	1	
	pernyataan guru 4. Peserta didik		
	4. Peserta didik merefleksi diri	T I	
AI AI	dengan	I	
	menanyakan	Contraction of the local division of the loc	
	hal-hal penting terkait teks		
	deskriptif		
	Mengumpulan informasi/		
	experimenting		
	1. Peserta didik		



	orang sekitar mereka	
Kegiatan Penutup	1. Peserta didik 10 Menit membuat kesimpulan terhadap	
~	pembelajaran 2. Peserta didik melakukan refleksi terhadap kegiatan yang sudah dilakukan	
J	peserta didik 3. Guru memberikan umpan balik dari proses dan hasil	
	pembelajaran 4. Guru memberi tugas selanjutnya	
	5. Guru menyampaikan rencana	
	pembelajaran pada pertemuan mendatang	

- E. Penilaian, Pembelajaran Remedial dan Pengayaan
 - 1. Penilaian
 - Pengetahuan
 - 2.1 Tes Kemampuan
 - a. Teknik Penilaian
 - b. Bentuk Instrumen
- : Tes Tertulis
- : Essay
- c. Pedoman Penskroran : Berdasarkan hak yang terkait dengan teks
- deskriptif
- 2.2 Keterampilan
- a. Teknik Penilaian
- b. Bentuk Instrumen
- : Unjuk Kerja : Tulis Teks deskriptif

c. Pedoman Penskroran : Berdasarkan hak yang terkait dengan teks deskriptif

F. Media/Alat, bahan dan sumber belajar

1. Media/alat	: Papan tulis, spidol, kertas

- 2. Bahan : Teks Deskriptif
- 3. Sumber Belajar : Internet

G. Pendekatan, Model, dan Metode Pembelajaran

1.	Pendekatan	: Saintifik

A

- 2. Model : Discovery Learning
- 3. Metode : Tanya Jawab dan Unjuk Kerja

Mengetahui: Kepala Sekolah Banda Aceh, 05 Maret 2023 Guru Mata Pelajaran

Zurrafiqah

Appendix E

Assessment Rubric

Aspect	Score	Criteria
Format	5	The format is not correct format
	10	The format is almost relevant to the structure that has
		been defined
	15	The format has suitability with the context
	20	The format very relevant
Content and	5	The content is not indeed relevant with the topic at all.
Organization	10	The content and organization that is not relevant still
	100	exist but it is understandable and it is not too bad
	15	There are several words that are used irrelevantly but do
		not influence the intended meaning much.
	20	The topic and the content are very relevant.
Punctuation,	5	The punctuation and spelling of words of the content is
Capitalization,		very bad
and Spelling	10	So many disorderliness of capitalization and comma are
		found in the content of the writing
		but don't make the readers confused yet.
	15	The punctuation of the writing is not neither too good
		nor too
		bad.
	20	Every part of the writing is in good order, either in
		punctuation,
		capitalization and spelling.
Grammar and	5	There are many irrelevant uses of descriptive language,
Sentence		many errors in using verbs, tense and linking words.
Structure	10	There are many irrelevant uses of descriptive language,
		many errors in using verbs, tense and linking words.
	15	Generally accurate, the use of descriptive languages,
		verb, tense and linking words.
	20	No errors on the use of descriptive languages, verbs,
		tense and linking words.
Personal	5	Error in determining proper grammar
Grammar	10	Errors of grammar never interfere with understanding
Checking	15	Errors in checking grammar are quite rare.
	20	Grammar checks are carried out thoroughly and
		correctly

Adapted from Oshima and Hogue (2007)

Appendix F

Questionnaire

A. Students' Perceive of Pre-writing Process

Absolutely Strongly Agree (SA), Agree (A), Neutral (N), Disagree (D), Strongly Disagree (SD)

No.	Statements	SA	А	D	SD
1.	Mind mapping helps me in brainstorming ideas for writing	ĺ,		0	
2.	Mind mapping helps me in using ideas for making outline	N			

B. Students' Perceive of Writing Process

No.	Statements	SA	A	D	SD
1.	Mind mapping helps me in interconnecting of the idea	1	1		
2.	Mind mapping helps me in determining the identification and description of descriptive text	1	/		Л
3.	Mind mapping makes me easier in choosing of proper adjective in descriptive text				
4.	Mind mapping helps me in drafting ideas of writing	VIR	Y	5	
5.	Mind mapping gives me sequential ideas in composing descriptive text		-		

C. Students' Perceive of Post-writing

No.	Statements	SA	А	D	SD
1.	Mind mapping helps me in evaluating what I have written				

			1			l
2.	Mind mapping helps me in revising the ideas whether they have been incorporated in the descriptive text			899999	999999	
3.	Mind mapping helps me in revising the writing how both of identification and description in structure of descriptive text have relation	1				
4.	Mind mapping helps me in editing of transition signals such as relating verb and proper adjective for accomplishing descriptive text	N	T	(
5.	Mind mapping makes me in editing descriptive text and corrected most of errors in descriptive text					



Appendix G

Performances Result

A. Pre-test Result

Barack Obama is the president of United States. He is an African-American. He is tall and thin 1 Solt

He is bald. He has dark complexion, pointed nose, and oval face.

He is the first black man who becomes the president of United States. He is known as a smart

and wise man. He is a loving husband for his wife and a good father for his two children. People Description

from all over the world adore him because of his spirit and action in creating peace in this world.

He also looks friendly because he always smiles a lot.

```
xample text
6 I have a friend, named drawy woarif, heis
short like me, he is agood priend, acheves
people, and oval face.
    to him, cause he is annoying for me.
     01
```

In the results of this pre-test the score given is 60, this is because the grammar is still lacking and the writing of sentences is not regular. Students also do not identify the overall structure of the text of the text provided.

Barack-Obama is the president of United States. He is an African-American. He is tall and thin.

He is the first black man who becomes the president of United States. He is known as a smart

and wise man. He is a loving husband for his wife and a good father for his two children. People

from all over the world adore him because of his spirit and action in creating peace in this world.

He also looks friendly because he always smiles a lot.

Mr. Dylan

which

101

Mr. Dylan is my teacher. Here is a good teacher. He is handsome and kind. He is bald."

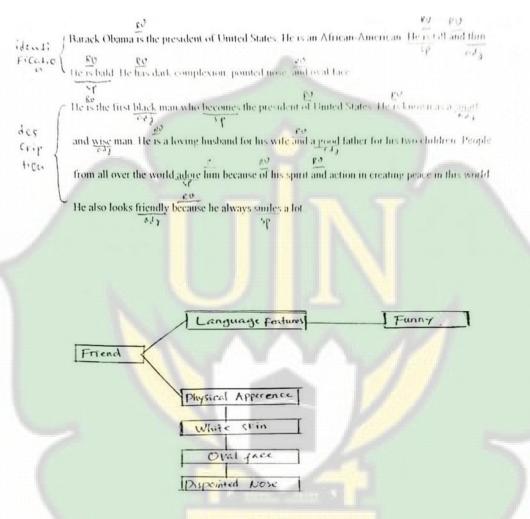
He is the first tecicher who come from foreign country. He is an English teacher.

AR-RANIRY

Moreover, the results of this pre-test the score given is also 60 because the student does not identify the structure of the text in first text. Then, the student write short text, and it does not describe all the specific participant in the text.

0110

B. Post-test Result



I have a friend named Dzary Muarif, he is one of my friendship student of DI. He is short and thin, he has a white skin, oval face and dispointed nose.

He is a funny people, but I assually angry with him cause he is annoying people. He usually debate me disimportant thing. Sometimes he is justicus with me cause I can what he can't.

But he is still my friend, and 1 still like him altough that, and he is my friendship altough unperfect.

This text is given a score of 90 because the student in the student's text still

has errors the punctuation of text.

+11011VE specific participant w Barack Obana is the president of United States. He is an African-American. He is tall and thin identification 4 algestive te has dark complexion pointed nose, and oval thee, adjudare The is the first black man who becomes the president of United States. He is known as a small adjective adjuster to adjuster and wise man. He is a lowing husband for his wife and a good father for his two children. People tescription from all over the world adore him because of his spirit and action in creating peace in this world adjective He also looks friendly because he always smiles a lot. Physical Appearances Hr. Dylar Language feature white skin have eves adjective (Relating verb) R landso Smart Mr. Dylan English teacher He is handcome and kind. Heis Fat M. Dylan Te (hin and white eyes. hair He has Curly Country My School who Come trom foreign 40 An ctudent Ctudent He loving teacher 40 ma He is a that adore him becauce

This text has a score of 85 because the text is quite short but students have succeeded in identifying and writing the text according to a predetermined structure.