Mind Mapping in Online Learning at 10th Grade in SMKN Ngraho Bojonegoro Academic Year 2022/2023

Alvi Naimatuz Zulfa[1], Ahmadi[2]

[1,2]State Islamic Institute of Ponorogo

ARTICLE INFO	ABSTRACT
	The aims of this research are to see the response to the online-based mind mapping method, also to see how well students understand or know about mind mapping. In addition, the research students involve an English teacher to find out the mind mapping method taught by grade 10 students, as well as find out how well they understand if the teacher using the mind mapping method in online classes. The researcher used qualitative methods and case studies, this was involved by class 10 SMKN Ngraho, and the data processing was taken from interviews and documentation. The result of this research showed that the use of the mind mapping method in online learning can be used and implemented easily by teachers, especially in learning English, where the teacher explains how to use the method clearly so that students understand, apart from being used in online learning the mind mapping method also used in offline learning, especially in grade 10. it can be concluded that the mind mapping method can be used easily and is also easy to understand, it's just that the teacher and students need a review of the material and understanding of the material if using the mind mapping method.

Corresponding Author:
Alvi Naimatuz Zulfa
Email: alvinaimatuz98@gmail.com

How to Cite:
Alvi Naimatuz Zulfa., Ahmadi. "Mind Mapping Method in Online Learning at 10th Grade SMKN Ngraho Bojonegoro in Academic Year 2022." *J-EMAIL: Journal of English as a Modern and International Language*, Volume 3, Number 1, (2024)

INTRODUCTION

As a means of education, lessons are important for teachers and students, besides that lessons need a method as an effort in developement and creativity, the number of methods used in learning is very important, but the teacher must be able to choose a method that is in accordance with the discussion or material to be conveyed so that student have a high interest in learning about the lesson. In addition to learning interests are increasingly diverse and varied with the exsistence of methods such as the Cornell Method, Sudyblr, Flash Card, Pomodoro Technique, and others.

Besides the lack of variety methods can also reduce students' creativity and level of mindset, given the importance of creativity for a students, it is important for teacher to always provide stimulation to student in exploring knowledge to improve their thinking power, with the existance of an effective method and of course it can help student and teachers from several methods that have beens.mentioned one of the method that will be used in this discussion is the mind mapping method. In this context, to overcome learning difficulties, students do not to focus on taking notes or writting as a whole on the blackboard, but students can obeserve the problem so that they can make a mapping concept or concept map as a summary of the material, as for maters related to the applicationof online-based mind mapping such as edmodo, google classroom, e-learning and other application.

Accordng to an expert, Mind mapping is a visual technique for structuring and organising thoughts and ideas. If this sound all rather general and wide-ranging, they you can also use of mind mapping in a general and wide-ranging fashion. But also mind map is a graphic tool used to collect, create, manage and exchange information. It represents information via the spatial organization of concepts/topic, ideas, words, or other items.[1]

Mind mapping (or idea mapping) has been defined as visual, non- linear representations of ideas and their relationships. Mind mapping comprise a network of connected and related concepts. In mind mapping, any idea can be connected to any other. Free-form, spontaneous thinking is required when creating a mind map, and the aim of mind mapping is to find creative associations between ideas. Thus, mind maps are principally association maps.[2]

Consedering that facts, the researcher suggests mind mapping as the technique for teaching descriptive text. Drawing mind mapping is an activity which makes the brain casier to accept and remember visually stimulating, multi-coulored mind maps, rather than monotonous, boring linear notes.[3]

In addition to the notion of mind mapping and some theories about mind mapping, mind mapping also has several concepts, as for the 2 concepts contained in mind mapping, namely brainstorming step and linking step.

One of the advantages of mind mapping, it can be used in the english learning based online and offline learning process. The learning process in shcools is the best public policy

---

[1] Florian Rustler, *Mind Mapping for Dummies,* (England: John Wiley and Sons, Ltd, 2012)

[2] Davies Martin, *Concept Mapping, Mind Mapping and Argument Mapping : What are The Diffirences and Do They Matter?* (Melbourne, Australia, Science+Bussiness Media B.V. 2010)

[3] Tony Buzan and Barry Buzan, *The Mind Map Book* (London : Journal of Economic Education), 2004

tool as an effort to inscrease knowledge and abilities. In addition, many students think that school is a very fun activity, they can interact with each others. Shcools can increase social skills and social class awareness of students. Overall, the school is a medium of interaction between student and teacher to improve intelligence skills and a sense of affection between them, now the activity called school stopped because pandemic era. So, learning at that time was done from home or commonly called online learning. Online learning is still conidered as a breakthrough or a new paragdim in teaching and learning activities where in the process of teaching activities beacuse techers and students do not need to attend classrooms.

Online learning is widely applied in this year's era or during this pandemic, online learning is system learning via internet media or applications. Online learning is also said to be part of the modern transforming factors of higher education in many countries. Several suggestions were made about the possible evolution of these combined changes in the future and possible problems for those working in higher education. in the era of many apply.[4]

From the discussion about online learning, online learning itself is a learning that uses media on the internet, in addition to the discussion online learning has 3 concepts including transactional distance, presence, and independent learners. Presence itself here there are 2 divisions, namzely cognitive presence and social presence.

From several explanations about online-based mind mapping the researcher chose this as research. In addition to being suitable and effective, this online-based mind mapping also makes it easier for students to find out the coverage of the material presented in outline. The researcher takes the informan from several classes to be researched, here the researchers took informan at the SMK level precisely in class X at the SMK level at SMKN Ngraho. The researchers thought that the school studied was quite interesting besides that there were no previous researchers who had researched online-based mind mapping at the school in the SMK level, researchers also took samples through interviews in class X and some of the teaching staff who would be involved in this research.

In addition, in the location to be studied, the researcher will adapt to the environment in the school, another thing that will be seen is how the teacher delivers the material in an interesting way, so that the researcher can find out the learning process either directly or indirectly, it can be concluded that the researcher aims to knowing how enthusiastic they are in responding to online-based mind mapping, knowing how the teacher implements and responding to students' mind mapping in online learning in class X SMKN Ngraho Bojonegoro.

RESEARCH METHOD

This research applies about a qualitative approach. The kind of approach is case study. The research data is collected naturally by observing a phenomenon while it is happening and by conducting a verbal communication with the respondents. A qualitative

---

[4] Shirley Bach dkk, *Online Learning and Teaching in Higher Education*, (England: Open University Press, 2007)

approach research also promotes human (research) as the resrach instrument. A qualtative research also takes into account the process rather than the outcomes or the product.

Research design is based on considering these three elements as well as the research problem in this study, the personal experiences of the researcher, and the audiences for whom the research study, from whom the research study will be written.[5] Conducting this topic, the researcher applies qualitative approach and research design by observing in direct location at school, observing teacher and the students in the teaching learning process, catching information from several interviewers within its real-life context naturally. In this research, the researcher used qualitative, qualitative research is a mean for exploring and understanding the meaning individuals or group ascribe of social or uman problem. The process of research, the researcher can get clearly the data and making interpretation of the meaning the data.

The reason the researcher chose the place/location to be researched was to find out how to apply mind mapping in online learning, and the responses of students and teachers to the mind mapping method in online learning, besides that the researchers also knew about the state or the learning process at the place Jl. Raya No. 613 Ngraho Bojonegoro or SMKN Ngraho Bojonegoro.

In this study the primary data can get during online learning process at SMKN Ngraho Bojonegoro. Conducting the primary data, the researcher several descriptions on the result of source like, observing, interviews, and documentation. In this data source can be got person, something, place, can get information for the researcher. On this part, the researcher can get the data from several sources, such as the teacher, the student, observation, interviews, and documentation.

In this study, qualitative observations are those in which the researcher takes field notes on the behaviour and activities of individuals at the research site. The researchers can record, in an activity at the research site. The researcher observes at the school, and to observe model teacher's especially in online learning class, the researcher write everything happens during in teaching online learning process for beginning the learning until done the learning. During learning process, the researcher joined in the class the researcher can get a valid the data.

In this next collection data, the researcher can get another data with interviews, the researcher conducts face-to-face interviews with participants, interviews participants by telephone, or engages in focus groups interviews. The researcher prepares the questions and take some interest conversation to get information a valid data. The researcher will interviews the student and the teacher of ten grade at SMKN 2 Ponorogo. How the teacher implements mind mapping during online learning, and how the student enjoyed and can get the responses from the students.

During the process of the research, the researcher collects the data, these may be public documents (minutes of meeting, official reports) or private documents (personal journals, diaries, letters, and e-mails).[6] In this research, the researcher can get another data

---

[5] Creswell John W, *"Research Design Quallitative, Quantitative, and Mixed Mhetod Approaches",* (Sage Publications, 2009)

[6] Creswell John W, *"Research Design Quallitative, Quantitative, and Mixed Mhetod*

from documentation, the researcher prepare such as a photo during activity in learning, observation, and interviews, school document (vision, mission, teacher's schedule, and the school profile). And other documentation the researcher take a video during a process activity in learning, so the documentation can get another information, are going to be helper for the researcher on supporting the approvements which this research.

The process of data analysis involves making sense out of text and image data. It involves preparing the data for analysis, conducting different analyses, moving deeper into understanding the data and representing the data.[7] Data reduction is data that is carried out by researchers, as a process of selecting data that aims to focus on things that are considered important or important, classifying or differentiating important data and removing some data that is not important, in such a way that the data can be drawn conclusions easily and produce meaningful information. Data display is an organized, composed assembly of information which concluded a conclusion written. This part verified as the analyst proceeds which may be as brief as a fleeting second thought crossing the researcher's analyst during writing, in a short excursion to field notes, or through argumentation to develop the data.

RESULT AND DISCUSSION

A. The Analysis of Implementation Mind Mapping Method in Online Learning at 10th Grade SMKN Ngraho Bojonegoro

According to Florian Rutsler, Mind mapping is a visual technique for structuring and organising thoughts and ideas. If this sound all rather general and wide-ranging, they you can also use of mind mapping in a general and wide-ranging fashion. But also mind map is a graphic tool used to collect, create, manage and exchange information. It represents information via the spatial organization of concepts/topic, ideas, words, or other items.[8]

Mind mapping is a method of learning, either directly or indirectly, while mind mapping can be used in online learning according to David Watson, online learning is part of the modern transformations factor of higher education in many countries. Some suggestions are made about the likely evolution that these combined changes will cause in the future and the likely issues for those working in higher education.[9] In online learning this method is also applied to English subjects, as before the researchers conducted interviews with informants to provide some information regarding the application of the mind mapping method in online learning in the tenth grade. the data is collected into one, it is concluded to find out the results of observations, there are several opinions from informants or sources related to this according to :

Approaches", (Sage Publications, 2009)

[7] Creswell John W*, "Research Design Quallitative, Quantitative, and Mixed Mhetod Approaches",* (Sage Publications, 2009)

[8] Florian Rustler, *Mind Mapping for Dummies,* (England: John Wiley and Sons, Ltd, 2012)

[9] Shirley Bach dkk, *Online Learning and Teaching in Higher Education*, (England: Open University Press, 2007)

Mrs Ratna Widyawati,

In English subjects some children it is easy to understand but most of it is difficult to understand English lessons, even any method I have applied, including mind mapping, but if the student does not like English subjects, students will also have difficulty understanding it.

B. The Analysis of Responses Students' About Implementation Mind Mapping Method in Online Learning at 10th Grade SMKN Ngraho Bojonegoro.

After the researchers conducted interviews with teachers and several tenth grade students at SMKN Ngraho the researchers concluded several responses from them, especially according to Mrs. Ratna Widyawati as an English teacher, it can be seen from some students who can understand after I teach, I think the feedback from them is quite good, but there needs to be an understanding of some vocabulary that must really be learned, I myself when teaching use this method as well need to translate a lot, especially when in online learning sometimes students don't know if some vocabulary is not translated into Indonesian.

Verzina Heksa Julihenza said:

I think it's easy, but I personally need to learn a lot more vocabulary, mind mapping itself is also suitable for use when learning online, especially during a pandemic like this, for me mind mapping is also not so difficult for me, it's just that we need to learn a lot of translation, or vocabulary.

Tony Irawan added:

I totally agree with Heksa's opinion, because it also makes it easier for me, in online learning like today, personally I think most students don't need complicated methods, such as several methods, including mind mapping, I also I like it if every teacher uses a method like this, especially English subjects, besides that there is also a need for vocabulary that must be studied further.

Siti Nur Inayah also added:

I also agree that mind mapping is indeed easy, but for some students it may be difficult, especially for students who don't like English lessons, I think this method is also suitable for use in online and offline learning.

Hendriyanto Rafi Ramadahan also added:

Most of the students here don't like English lessons, but I think the mind mapping method is easy to understand in every lesson, especially English.

From some of the opinions above, related to the discussion of mind mapping applied by English teachers, some understand about mind mapping or mind mapping images. so that the application of the mind mapping method itself in this school is enough to make some of the children here understand what mind mapping is or the notion of mind mapping. Besides that, mind mapping can also be developed again in online learning, considering that online learning continues, this can be seen from the current situation. requires activities or activities that must be done at home or can be called work from home (WFH).

From here we can outline the of the mind mapping method, not all of them can understand, only some understand, but the mind mapping method is quite effective if

used in online learning that is applied at this time. Besides that, the students' abilities cannot be equalized, because most of the students in this school don't like English

CONCLUSION

Based on the research findings and discussion above, the conclusion of this study are shown as follows:

a. After analyzing "Story of My Life" novels, the researcher found twelve coded personality traits by Minghui and Qinghua that should have been owned by effective teacher. There are Adaptability, Agreeableness, Caring, Enthusiasm, Expectation, Fairness, Friendliness, Honesly, Humor, Patient, Respectfulness, Responsibility.

b. The implication of effective teaching on students' character building has a big influence such as, it can make students happiness, cheerful, comfortable in learning, friendly to the teacher, struggle, and more be brave to improve their skills. The point is very importance with the role of effective teacher for students, it makes motivate to more spirit for study and build good characteristic so that they can become better human beings in society. So, it can be related to the purpose of the Merdeka Belajar curriculum. Students have the freedom to express their abilities in the various fields.

CONCLUSION

Based on the research findings and discussion above, the conclusion of this study are shown as follows:

1. The teacher here uses the mind mapping method in online learning, especially in English subject well.

2. The teacher applies the mind mapping method in all classes, especially in class 10th grade.

3. In the mind mapping method not all students here can understand the method applied.

REFERENCES

Florian Rustler, Mind Mapping for Dummies, (England: John Wiley and Sons, Ltd, 2012)

Davies Martin, Concept Mapping, Mind Mapping and Argument Mapping : What are The Diffirences and Do They Matter? (Melbourne, Australia, Science+Bussiness Media B.V. 2010)

Tony Buzan and Barry Buzan, The Mind Map Book (London : Journal of Economic Education), 2004

Shirley Bach dkk, Online Learning and Teaching in Higher Education, (England: Open University Press, 2007)

Creswell John W, "Research Design Quallitative, Quantitative, and Mixed Mhetod Approaches", (Sage Publications, 2009)