



The Use of Mind Mapping in Social Studies Learning to Improve Creative Thinking Skills

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Abstract

The social studies learning concept is very important for students to be able to adapt to their environment. The development of creative thinking skills in social life is something that must be developed. This study aims to discuss how the use of Mind Mapping in social studies learning can improve creative thinking. This type of research is descriptive qualitative with a literature review method which consists of several stages. First planning, where we determine the topics to be discussed, and determine the criteria for the articles to be used. Second Conducting is searching, selecting articles, and data synthesis. The third is reporting, and writing the results of a systematic literature review. Based on a study of 10 national articles on the use of Mind Mapping in social studies learning to improve creative thinking skills. The results of the research conducted show that the use of Mind Mapping is effective and efficient in improving students' creative thinking skills in social studies learning

Keywords: Mind Mapping, IPS Learning, Creative Thinking Skills

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Introduction

Social Sciences is one of the lessons that must be learned by students in primary and secondary schools. Social studies learning aims to prepare students to adapt to their social world, develop potential sensitivity of students to personal and social problems, as well as skills in

considering and finding solutions to social problems that students will later face in their lives and social life. Therefore, in social studies learning students are required to be able to think creatively in the process of obtaining, selecting, and processing information so that they can face the challenges of their social world that change according to the changing times. The ability to think creatively is one of the higher-order thinking skills which has several indicators including fluency, flexibility, originality, and elaboration which will affect the cognitive abilities of students (Acesta, 2020).

In response to the above, the use of Mind Mapping is one solution to increasing students' creative thinking abilities. Mind mapping is used to align the right brain and left brain in receiving new information which facilitates the presentation process through visual information that is described in the form of an overall concept so that it can convey and receive information in a comprehensive manner (Arum Putri Rahayu, 2021). The purpose of this study was to recognize Mind Mapping, to find out the relationship between Mind Mapping and students' creative thinking skills, to understand the need for social studies learning using mind mapping, and to describe the results obtained from applying Mind Mapping to social studies learning on students' creative thinking skills.

Methodology

The method used in this research is a literature review. This study uses data collection techniques by searching articles related to the topics discussed, then identifying, studying, evaluating, and interpreting based on research that has been done before. This study aims to obtain valid and accurate data in studying a problem and introducing the latest studies, enriching insights, formulating problems, determining the appropriate theory and methods used in research, and also using them as a comparison for certain study topics (Marzali, 2017). The problem studied in this research uses Mind Mapping in social studies learning to improve students' creative thinking skills. Articles were taken as references from various levels of education ranging from elementary, middle, high school, and tertiary institutions in social studies learning. Data analysis uses descriptive analysis which provides accurate, clear, and detailed descriptions of facts.

Results

From the literature review conducted by the researcher, the results obtained regarding the use of Mind Mapping can improve students' creative thinking. the analysis was carried out using search and continued to search for studies on social studies learning using Mind Mapping in previous research. The use of Mind Mapping in social studies learning can help you understand and memorize the material being studied. The Mind Mapping method influences students' creative thinking abilities as seen from the number of students who can develop ideas and ideas to solve problems using Mind Mapping (Acesta, 2020).

The results of experimental research can be seen that increasing creative thinking skills and student learning outcomes with problem-based learning models in collaboration with the Mind Mapping model get better results compared to the learning model (Sumarta, 2017). The application of the Mind Mapping learning model makes learning more active and not watching so that students are more enthusiastic and enthusiastic in participating in learning which causes these students to express ideas that they develop themselves and solve the problems they face (Wulandari et al., 2019).

Mind Mapping learning model can help students describe the problems they face in the form of maps and graphics that are easier to understand by summarizing techniques. and help improve their critical thinking skills so that there is a significant difference between students'

creative thinking abilities using the Mind Mapping model and students using conventional learning models (Hadihabibi et al., 2021). In social studies learning the use of Mind Mapping can improve students' critical thinking skills in the form of remembering and understanding the material being studied from both the affective and cognitive domains. IPS learning with a lot of material can be understood by students using Mind Mapping so that the material studied will be easier to understand and students' critical thinking skills will also increase.

Learning Social Studies learning using the Mind Mapping model as educators we must provide opportunities for students to find out answers from various sources, provide rewards and lead in making mind mapping so that students better understand the concepts learned by using pictures and various types of colors poured in the mapping they make. This is in line with the experimental research conducted by Vina Riskiyanti, where the results of her research revealed that the use of Mind Mapping can affect creative thinking skills and learning outcomes which are proven to be superior and significant compared to conventional learning methods (Rizkiyani & Kristin, 2022). Mind Mapping in addition to being able to improve creative thinking skills can also increase the achievement of social studies learning students compared to conventional learning. Implementation of learning using Mind Mapping can improve students' creative thinking skills because this learning is more fun and students are active in the learning process so that they can increase knowledge and create ideas or ideas that can solve problems that arise in the learning process (Ananda, 2019).

Discussion

Mind Mapping

Mind Mapping is Viewed as a process of mapping the brain or thinking that connects problem concepts from branches of nerve cells to form concept relationships in an understanding and the results are written on paper with animations that are liked and easily understood by the maker. Mind Mapping is an easy way to get information into the brain and take information out of the brain so that how to convey information creatively and efficiently according to our mind map (Iswanto & Roniwijaya, 2017). Mind Mapping can contribute to helping students create learning that is active, innovative, creative, effective, fun, and critical thinking.

The relationship between *Mind Mapping* and students' creative thinking abilities.

Mind mapping is designed to make students fun and able to develop creativity by maximizing the use of their brains effectively and efficiently in the learning process. Students will be greatly assisted in understanding and understanding the problems they face in a simpler and more structured manner according to understanding and thinking. A fun learning process encourages students to be more independent in learning and improve their creative thinking skills, especially in solving the problems they face and in gaining an understanding of the subject matter. Learning by using Mind Mapping is by the characteristics of elementary school students starting from low class and high class so that it will have a big and positive influence on students in elementary school.

Mind mapping can improve students' creative thinking abilities because in its manufacture it uses image line symbols and colors which can stimulate creative thinking in recording or reconstructing material in a fun way. The ability to think creatively will grow and develop. If the learning presented by the teacher can stimulate students to think creatively so the students will be more motivated in doing assignments and understanding the material that has been taught. In addition, Mind Mapping is also used as a medium in problem-based learning to help students be more creative in generating different ideas and ideas in optimizing potential and forming new knowledge, and increasing student motivation in the learning acquisition process.

The need for IPS learning by using *Mind Mapping*

Mind Mapping is very supportive in the growth and development of students, especially in social studies material because in principle it uses the performance of both sides of the child's brain such as writing, pictures, and colors. So that it can attract the attention of students to concentrate more on learning. Mind Mapping gives freedom to students in expressing their ideas in a positive and pleasant atmosphere when students record important things and makes it easier for students to understand problems, remember and learn something new and see relationships using color keywords and pictures in Mind Mapping. Mind Mapping is described as not having to be neat but easy for students to understand in expressing their ideas, especially in social studies learning where the material is very complex.

The results obtained from the application of *Mind Mapping* to social studies learning students' creative thinking skills.

The results obtained from the application of Mind Mapping in social studies learning in improving students' creative thinking skills as previously described have positive values. Students' creative thinking skills in social studies learning increase using Mind Mapping because students' understanding of problems and material is expressed in the form of written images of color symbols and signs that express the ideas they have onto paper.

Mind Mapping helps students in identifying a problem, expressing colors, various types of images, and branches of material, and presenting ideas or ideas in a creative, attractive, and beautiful way that shows the development of students' creative thinking abilities. The impact of using Mind Mapping is very effective and efficient so it can provide a special attraction for students to be able to increase motivation and focus in the learning process. In addition, the learning outcomes achieved by students also increased through social studies learning using Mind Mapping. The process of transferring material to students becomes easier and more enjoyable so that it can increase learning progress and achieve learning goals.

Conclusion

Based on the explanation above it can be concluded that the use of mind mapping is effective and efficient in improving students' creative thinking skills in social studies learning

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