

The Influence of Using the Inquiry Learning Model Assisted by Sketch Media on the Social Studies Learning Outcomes of Class IV Students at MI Muhammadiyah Ballatabbua, Gowa Regency

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Abstract

This inquiry learning model is a learning model that emphasizes student independence in the learning process. The purpose of this study was to determine the learning outcomes of social studies students who did not use the inquiry learning model assisted by sketch media with those who used the inquiry learning model, as well as the effect of using the inquiry learning model assisted by sketch media in class IV MI Muhammadiyah Ballatabbua, Gowa Regency. The type of research used was Quasi Experimental Design using a nonequivalent control group design. The results showed that the learning outcomes of social studies that did not use the inquiry learning model assisted by sketch media obtained an average pretest score of 57.04 in the low category and an average posttest score of 79.09 in the medium category. And the learning outcomes of social studies that used the inquiry learning model assisted by sketch media obtained an average pretest score of 61.13 in the low category and an average posttest score of 82.50 in the high category. and There is an influence of the use of inquiry learning model assisted by sketch media from the results of the independent sample t-test hypothesis test obtained a significance value of $0.000 < 0.05$ and the calculated t value $> t$ table = $2.302 > 2.018 (a/2)$; (df) which means there is a significant difference in the results of students' social studies learning using inquiry learning model assisted by sketch media.

Keywords : inquiry learning model, learning outcomes, student.

1). Introduction

One of the objectives of the Social Sciences subject as stated in Minister of National Education Regulation Number 22 of 2007 is that students are expected to have the basic ability to think critically logically, be curious, inquiry, solve problems, and social skills in social life. The objectives of social studies learning can be achieved if learning is developed that encourages the development of students creative potential. Therefore, components are needed that can determine students. Learning success, namely learning models and learning media that can help the learning process. The inquiry learning

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model aims to train students' skills, especially in critical thinking. The main aim is to hone students' potential to be independent and find their own answers in learning and as an effort to shape students' mentality so that the learning process does not only focus on emphasizing mastery of scientific material, but also on students' abilities in developing their internal strengths.

Apart from that, the help of learning media can optimize the learning process and make students interested in the learning process. The application of educational sketch drawing media to learning can improve students' cognitive abilities by the teacher explaining the learning material using sketch drawing media that is in accordance with the learning theme and then the teacher conducts questions and answers then the students answer the questions given by the teacher.

2). METHOD

The data collection method is a method used to collect data so that researchers are able to explain their research problems. The methods used in data collection are:

A. Test

In this research, testing was used to determine students learning outcomes by using an inquiry learning model assisted by sketch media in the pretest and posttest of respondents.

B. Research Design

This research uses a quantitative with the Quasi Experimental Design type.

C. Research Instrument

Research instruments are tools used by researchers to collect data, the quality of the instrument will determine the quality of the data to be collected. therefore instruments in research are needed and very important to use in collecting data. This research uses an instrument in the form of 20 multiple choice questions.

3). Results And Discussion

After conducting research using the quasi-experimental method (Quasi Experimental Design) in social studies subjects, the research results showed that there was a significant impact from the treatment given to the research subjects. The following are the research results that researchers obtained after conducting the research :

A. Social Studies Learning Outcomes of Students Who Do Not Use the Inquiry Learning Model Assisted by Sketch Media for Class IV MI Muhammadiyah Ballatabbua, Gowa Regency.

Based on the results of research conducted by researchers, the maximum score obtained for the pretest was 80 and the minimum score was 35 with an average score of 57.04. Meanwhile, for the posttest score, a maximum value of 90 and a minimum of 70 were obtained with an average value of 79.09. Based on the categorization of social studies learning outcomes before using the inquiry learning model assisted by sketch media for pretest results, there were 21 students who scored low with a percentage of 95%, there was 1 student who scored medium with a percentage of 5%, and there were 0 students who scored high with a percentage of 0%. The categorization of the posttest results contained 5 students who scored low with a percentage of 22%, there were 10 students who scored medium with a percentage of 45%, and there were 7 students who scored high with a percentage of 33%. So it can be concluded that the results of social studies learning of students who did not use the inquiry learning model assisted by sketch media for class IV MI Muhammadiyah Ballatabbua, Gowa Regency during the pretest were in the low category, while during the posttest they were in the medium category..

B. Social Studies Learning Outcomes of Students Using the Inquiry Learning Model Assisted by Sketch Media in Class IV of MI Muhammadiyah Ballatabbua, Gowa Regency.

Based on the results of research conducted by researchers, the maximum score obtained for the pretest was 90 and the minimum score was 40 with an average score of 61.13. Meanwhile, for the posttest score, a maximum value of 95 and a minimum of 55 were obtained with an average value of 82.50. Based on the categorization of social studies learning outcomes after using the inquiry learning model assisted by sketch media for the pretest results, there were 18 students who scored low with a percentage of 82%, there was 1 student who scored medium with a percentage of 5%, and there were 3 students who scored high with a percentage of 13%. In the categorization of posttest learning outcomes, there were 2 students with low scores with a percentage of 9%, there were 7 students with medium scores with a percentage of 34%, and 13 students had high scores with a percentage of 57%. So it can be concluded that the results of social studies learning of students who use the inquiry learning model assisted by sketch media for class IV MI Muhammadiyah Ballatabbua, Gowa Regency in the pretest are in the low category, while in the posttest they are in the high category.

C. The effect of using the inquiry learning model assisted by sketch media on the social studies learning outcomes of class IV students at MI Muhammadiyah Ballatabbua, Gowa Regency

After calculations were carried out to test the hypothesis, the results of this study showed that there was a significant difference in social studies learning outcomes between students taught using the inquiry learning model assisted by sketch media and students who were not taught using the inquiry learning model assisted by sketch media. This can be seen in the analysis of the independent sample T-test which showed a significance value of $0.000 < 0.05$ and a calculated t value = 2.302 and t table = 2.018 so that $t_{count} > t_{table} = 2.302 > 2.018$ ($a / 2$) (df). This means that there is a significant difference in the social studies learning outcomes of students who use the inquiry learning model assisted by sketch media with the social studies learning outcomes of students who use the traditional learning model. This can be shown by the average posttest value of the experimental class of 82.50, which is greater than the control class which has an average posttest value of 79.09. From the learning outcome values obtained between the experimental class and the control class, it can be said that H_1 there is an influence on the use of the sketch-assisted inquiry learning model. media on the social studies learning outcomes of class IV students at MI Muhammadiyah Ballatabua, Gowa Regency.

Identify the reasons that the inquiry learning model influences student learning outcomes, namely first, the inquiry learning model in this learning emphasizes the scientific approach, students actively seek and build their own knowledge through scientific activities, namely observing, asking, gathering information, reasoning/negotiating and presenting and communicating. This activity makes students more enthusiastic, because students can learn according to their respective learning styles.

Second, the understanding obtained by students is based on visual observations through sketches shown by the teacher as well as processes carried out independently so that students can analyze or explain in depth the predetermined themes. It can be seen from the results of students' work that students are able to identify in depth the causes of social problems in the surrounding environment. Then this activity trains students' independence in learning. To be able to have independence in learning, students must have knowledge about themselves, about the subject to be studied, about assignments, about learning strategies, and about the application of the subject being studied.

4). Conclusions

Based on the results of data analysis on the discussion described in the previous chapter, this study obtained the following conclusions:

The results of social studies learning of students who did not use the inquiry learning model assisted by sketch media in class IV MI Muhammadiyah Ballatabbua, Gowa Regency with an average pretest score of 57.04 were in the low category and an average posttest score of 79.09 were in the medium category.

The results of students' social studies learning using the inquiry learning model assisted by sketch media in class IV of MI Muhammadiyah Ballatabbua, Gowa Regency with an average pretest score of 57.04 included in the low category and an average posttest score of 79.09 included in the medium category.

There is an influence of the use of the inquiry learning model assisted by sketch media on the social studies learning outcomes of class IV students at MI Muhammadiyah Ballatabbua Gowa Regency based on independent sample T-test hypothesis testing with a significance value of $0.000 < 0.05$ and calculated t value = 2.302 and t table = 2,018 so $t \text{ count} > t \text{ table} = 2,302 > 2,018 (a/2); (df)$ which means there is a significant difference in the social studies learning outcomes of students who use the inquiry learning model assisted by sketch media with the social studies learning outcomes of students who use the traditional learning model.

The implications of this research are as follows:

1. For schools, it adds references for improving and enhancing the quality of learning and joint study materials in order to improve the quality of schools.
2. For teachers, it is recommended that they optimize the use of teaching materials with a combination of appropriate learning models.
3. For future researchers, If you want to conduct similar research, you should use different research methods, as well as conduct research related to other factors that influence the variables. Thus, by completing this thesis, the author hopes that it can be a contribution to thought and can be used as reference material for researchers conducting similar research.

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