
INCREASING MOTIVATION AND SCIENCE LEARNING OUTCOMES THROUGH THE USE OF LEARNING MEDIA FOR CLASS 5 STUDENTS

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ABSTRACT

Learning media is a means used in delivering information from teachers to students during the learning process. The purpose of this study was to determine the effectiveness of the use of learning media on students' motivation and learning outcomes, especially in science subjects about Changes in Objects in the fifth grade of elementary school. This research can be categorized as Participatory Action Research (PAR), where the data management in this study uses qualitative and quantitative data analysis which is analyzed by descriptive method. Based on the results of these studies, it is clear that the use of learning media in the learning process greatly influences students' motivation and learning outcomes where higher learning outcomes are obtained by utilizing learning media with an average that can be exceeded by all students with scores above the average obtained by each. -each student. Therefore, it is hoped that educators will be able to develop more creative and innovative learning media so that learning objectives can be carried out properly and are able to create meaningful learning for students.

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A. Introduction

Education is a system which involves several parties in its implementation and implementation. In the education system there are learning activities that involve interaction between teachers and students. Learning itself is a process of knowledge transfer between teachers and students from those who do not know to know. In the implementation of this learning requires creativity that needs to be improved by a teacher in order to form a fun activity and the material being taught can be understood by students and even the expected goals can be achieved properly. In developing fun learning activities, teachers can use learning media in the implementation process. At this time, many schools have implemented face-to-face learning and students have started to return to school after the Covid-19 pandemic and require that learning activities be carried out online. Because currently learning in elementary schools has started face-to-face, teachers can create learning activities by utilizing learning media directly at school. The word media itself comes from Latin which is the plural of medium which means intermediary or introduction. Based on this term, it can be defined that the media is an intermediary or delivery of messages from the sender to the recipient of the message where the media itself acts as all forms of channels used to distribute messages or information.

In the implementation of learning media are created as creatively as possible in order to create a creative and innovative learning media in the implementation of learning. Learning media is a tool or object used in the process of implementing learning to provide learning information to students. Utilization of learning media is very helpful, especially at the elementary school level. With the existence of learning media during the learning process, students can have a real picture of the learning material. In addition, the use of learning media itself is also very influential on student motivation and learning outcomes. In the process of developing learning media the teacher has a very important role in the implementation of learning. The learning objectives themselves will also be influenced by the role of a teacher in the classroom. The teacher as an educator should be careful and careful in choosing media and learning methods that are suitable and in accordance with the learning material. Therefore, a teacher must be able to develop learning media that are creative, innovative, suitable and in accordance with the learning materials that will be delivered during the teaching and learning process. In this study, the researcher will develop an article entitled "the effectiveness of the use of learning

media on the motivation and learning outcomes of students in class V on the material of changing the shape of objects at SDN Darungan 01" so that it can be seen how to use good learning media so that students can gain useful knowledge with the help of media. learning that is developed by the teacher creatively during the learning process.

B. Method

This research can be categorized as Participatory Action Research (PAR) where this study aims to determine the effectiveness of the use of learning media on students' motivation and learning outcomes, especially in science subjects about Changes in Objects in Grade V Elementary School. This research was conducted at SDN Darungan 01 precisely in Darungan Village, Tanggul District, Jember Regency. Data collection was obtained from the results of research on the implementation of learning in class V which is a combination of VA and VB with the number of students who participated in the implementation of learning during the research process as many as 35 people. The learning implementation was carried out on March 28, 2022. This study used a research instrument in the form of a test. The test instrument in question is a test of student learning outcomes in the use of learning media during the science learning process. The methods used in this research are documentation, interviews and field studies. Interviews were conducted with science teachers regarding the implementation of science learning without learning media so that later student learning outcomes can be compared. Data management in this study uses qualitative and quantitative data analysis.

C. Result and Discussion

In the implementation of learning, the position of the learning media is as important as the learning method because the methods used in the learning process will usually also demand what media will be used during learning. In general learning media itself is categorized into three parts, namely audio media, visual media and motion media. From the various categories of media, a teacher is required to be creative in its implementation during learning. In the research conducted at SDN Darungan 01 the researchers used visual media where the researcher prepared the process of changing the shape of objects and also examples in the form of pictures. The results of interviews conducted with science teaching teachers at SDN Darungan 01 stated that science learning activities were

usually carried out using lecture and question and answer methods with students. Teachers use more references to student textbooks during the learning process so that learning is monotonous and there is no good learning interaction between teachers and students. The implementation of learning seems more saturated, causing less attention from students to the learning material provided by the teacher. The learning media itself must increase students' learning motivation. From the results of interviews that have been carried out, student learning motivation is very low because the implementation of learning is less attractive to students. At the time of the interview the researchers also obtained the results of an assessment of student learning outcomes without learning media with the results of the effectiveness of learning without the learning media, namely:

Teaching effectiveness test results without learning media

Student learning outcomes grades

The total score of all students is : 2.420

Number of students : 35

Average : 69.14

Based on the implementation of learning that has been carried out by researchers using visual learning media, students seem very active in participating in learning and students' curiosity regarding the learning media displayed is also very impressed so that they get a good response during the learning process. In addition, the existence of interesting learning media during the implementation of learning will also make students think more so that what is conveyed by the teacher can be recorded properly in students so that learning objectives can be achieved properly. The position of the learning media itself is in the component of the learning method as an effort to increase the interaction between teachers and students during the learning process. Therefore, the learning media itself functions as a teaching aid used to support the teaching methods used by the teacher. With the learning media, it is expected to be able to increase the quality of the teaching and learning process which will also affect student learning outcomes. The test results obtained by researchers during the implementation of science learning by utilizing learning media are:

Student test results using learning media

Student learning outcomes grades

The total score of all students is : 2.825

Number of students : 35

Average : 80.71

Increased motivation and student learning outcomes based on the results of research that has been carried out by researchers, it is clear that the difference between the two is where during the implementation of learning without utilizing learning media students lack motivation where students become less enthusiastic during the learning process. As for the learning outcomes obtained without using learning media, there are also many students who get scores below the average determined by the school with an overall average result of 69.14 students. In carrying out research by utilizing learning media, students' learning motivation is very high, where students are very enthusiastic in participating in learning, even students are also very active in participating in the learning process and get a very good response so that learning is carried out smoothly. In addition, the test scores obtained by students by utilizing learning media are also very good where good scores are obtained for each student, even many students who get scores above the average. The overall data of test results obtained by utilizing learning media is obtained an average of 80.71. From the two results, it is clear that the use of learning media in the learning process greatly influences students' motivation and learning outcomes. Therefore, it is hoped that educators will be able to develop more creative and innovative learning media so that learning objectives can be carried out properly and are able to create meaningful learning for students.

E. Conclusion

Based on the results of research that has been carried out by researchers, it is found that the implementation of learning by utilizing learning media in class V in science subjects is known that students are very enthusiastic in participating in learning because of the learning media displayed during the learning process so that it can motivate students to be enthusiastic in following learning process. In addition, the existence of learning media also affects student learning outcomes where the learning outcomes obtained are many students who get scores above the average with the overall results of students in one class with an average obtained of 80.71. When compared with the implementation of learning without learning media, the results are far where students' motivation when learning takes place is less enthusiastic, even the results obtained by students require remedial in improving their scores with the overall average of students obtained in one class, namely 69.14. Therefore, based on the results of research obtained by

researchers, teachers need to develop learning media in the learning process because the presence or absence of learning media is certainly very influential on student motivation and learning outcomes. If you want maximum learning outcomes in accordance with learning objectives, you need the right learning media when the learning process takes place.

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