



The Effect of Use Learning Media on the Economics Outcomes Learning in Tenth Grade Students of Kalam Kudus Christian School Pematangsiantar During the Pandemic Period

Susy Alestriani Sibagariang¹, Holmes Rajagukguk²

¹A Lecturer at HKBP University Nommensen, Indonesia

²A Lecturer at Sisingamangaraja XII University Tapanuli, Indonesia

Email: holmesrajagukguk540@gmail.com, susyalestriani@yahoo.com

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ABSTRACT

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This study aims to reveal The Effect of Use Learning Media on the Economics Outcomes Learning in Tenth Grade of Students Kalam Kudus Christian School Pematangsiantar During the Pandemic Period. The method used in this research is the experimental method. The research subjects were students of class X5 as an experimental class consisting of 50 students and class X2 as a control class consisting of 50 students. The instrument used is test results. Learning outcome tests are used to measure student learning outcomes. In testing the hypothesis the statistical test "t" is used. The results of the calculation are obtained $t_{count} > t_{tabel}$ with $\alpha = 0,05$ $dk = (n_1 + n_2 - 2) = 50 + 50 - 2 = 98$ is $(3,37 > 1,99)$ thus H_0 is rejected and H_1 accepted. In other words, there is a significant influence between learning using visual media on student learning outcomes in economic lessons of tenth grade students of Kalam Kudus Christian Senior High School during the Pandemic period and there is a significant difference between learning using visual media and learning without using media on the learning outcomes of students during the Pandemic Period.

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1. Introduction

Improving the quality of education can be done by using the teaching and learning process in schools. The learning process needs to be improved in order to achieve educational goals, which are in the form of changes in behavior, knowledge and skills to form potential and competent Human Resources (HR). Learning media is one of the factors that support the occurrence of a good learning process in accordance with expectations because educators' learning media can stimulate student motivation. Learning media can also be used in all types of fields of science.

The use of Media in learning is expected to be able to increase the learning outcomes of students in the optimal direction. Covid - 19 is a disease that is very often discussed today. This disease is caused by a virus that is very deadly and very disturbing to the world community. Covid-19 is a newly discovered contagious disease that is rapidly developing. Due to the rapid transmission of this virus, it has resulted in a ban on gathering in large numbers and being in a closed room for now.

This prohibition is often referred to as social distancing. With this virus, there are many problems that occur. The prohibition on gathering has been in place since March 2020 this has also had an impact on the education that occurred in Pematangsiantar, where the prohibition to do schooling with a face-to-face system has been implemented so far. With the issuance of a regulation that requires the teaching and learning process to be carried out remotely or what is often referred to as online. So the teaching carried out underwent a very surprising total change. This new thing not only affects the teacher but is very influential on students, namely students. This distance learning makes teachers and students have to use a variety of existing media as a means of learning.

The media that is now often used is online media in the form of internet applications. How does the use of existing media affect learning, how is the ability of students and teachers to use existing media so that learning runs optimally. To achieve the goals of national education referred to above, many efforts have been made by the



government, including developing the ability of teachers by developing the skills of educators, this can be obtained from upgrading, workshops that are always conducted by webinars in order to increase understanding and proficiency in carrying out the process. learning to teach online. Learning can be made more interesting, by the way the teacher develops an existing learning model using available media so that students are required to play an active role. Students are not only monotonous listening to the teacher's lecture but they can also do or participate in online learning with joy because they are given the opportunity to be creative in learning. Either in doing questions or taking interesting lessons through various creations made by the teacher in presenting material for lessons.

2. Review of Literature

2.1 The Visual Media

Media is known as *medius* which means Middle or intermediary. With this media can be interpreted as an intermediary used to deliver messages that teacher wants to deliver to their students. With the message to be conveyed can be accepted and understood by the students well.

Hamalik (2009: 15) argues that: "The use of learning media in the teaching and learning process can help increase desire and interest, generate motivation and stimulation of learning activities and even bring psychological influences on students". The use of learning media in the delivery of subject matter is expected to have a greater effect than if students only use their senses of hearing. The duration of understanding is also expected to stay longer with students than if students just sit quietly and listen to the teacher. Kemp and Dayton in Prof. Dr. Azhar Arsyad, M.A. (2009: 19) "learning media can fulfill the main function if the media is used for individuals, groups, or large groups of listeners, namely: Motivate interest or action, Presenting information, and Give instructions. " Based on the expert's opinion, the researcher concluded that the function of visual media in learning is to organize teaching and learning activities using tools that can motivate student interest, present information more attractively, provide instruction and direct students' attention concentrate more on the learning material given visual Media. **The Strengths and Limitations of Visual Media**

There is an expression that states that perfection belongs only to God Almighty, the rest must have deficiencies in certain areas. We hope this statement can be received in our daily lives. Because everything has advantages (good) or weaknesses (weakness). As with visual media, this has its own good and bad when it is carried out in the classroom.

The advantages of visual media:

- a. Can be used in the room without any special adjustments.
- b. You can flexibly make changes while serving is in progress.
- c. The material is easy to use and prepare.
- d. Facilities are already available in the classroom so that they can be used as screens.

Deficiency :

- a. Its use is only for small groups.
- b. The presenter must have special expertise for presentation, especially if you need verbal explanation.
- c. It is considered less important than the projected media.
- d. Requires good classroom management when using a whiteboard as a display.

Learning without using media is one of the reasons that the quality of education in Indonesia is lagging behind other countries. Learning like this causes students not to respond to the content of the learning material that is presented by the teacher. The teacher is monotonous in teaching because there is no reference material that attracts students' attention. As we know, learning must be interesting so that the information submitted can be accepted by students. For this reason, learning without using media is learning that is less effective in achieving learning outcomes. Learning without using the media requires the teacher to communicate orally. Communication can be used in all kinds of situations learning, but is not the only means of communication and it is not always the most effective form of communication.

According to Prof. Dr. S. Nasution, M.A. (2000: 196) "although oral communication can be used in many learning situations, the media is limited in its effectiveness and must be complemented by using objects, observing events, using pictures".

From the above opinion, it can be concluded that learning that is carried out without media will cause difficulties for both students and teachers. Therefore, it is better if the teacher before carrying out the teaching



and learning process must have a question in him: What media should be used in teaching something? with these questions, of course the teacher will try in such a way in adjusting the use of instructional media.

2.2 Learning achievement

Etymologically Learning Something we get can be said to be an achievement if we get it through efforts and activities, while learning is the effort taken by someone to get a change in behavior. Behavioral changes can be observed and measured, that is what we call learning outcomes. Meanwhile, the effort used to achieve this change in behavior is called the learning process.

Learning outcomes and the learning process are two things that interact with each other. In learning there is a process called thinking. It is said to think if a person is doing mental activities. After receiving the information, he compiles the relationships x from the parts of the information which he receives as the new understanding and that is what is meant by the learning results. In the world of education, achievement is the achievement obtained by students from the learning process and is stated in a predetermined report card or sheet. Learning achievement is a benchmark for the success of a student in carrying out his duties at school or it can be called a benchmark for the level of student ability in mastering a number of subject matter at school. Oemar Hamalik (2008: 158) emphasizes that "Learning outcomes are learning products in accordance with objectives or not as measured based on predetermined success criteria or standards of behavior". Meanwhile, Syaiful Bahri Djamarah (104: 88) argues "achievement is the result obtained in the form of impressions that result in changes in individuals as a result of activities in learning".

3. Research Methodology

According to Arikunto (2006: 3), the experimental method is a way to find a causal relationship (causal relationship) between two factors that are deliberately caused by researchers by eliminating or reducing or setting aside other disturbing factors. So this experimental method is used to reveal the presence or absence of the influence of the variables that have been selected for research. Based on the description above, the researcher can draw the conclusion that the experimental method is a type of research method used by researchers to find the influence of its variables. The Research was conducted at Kalam Kudus Christian Private High School, Pematangsiantar. In this research the samples were taken by purposive sampling means samples selected based on certain criteria. The samples selected were students of class X - 4 and X - 6, totaling 92 people.

4. Result and Discussion

4.1 Researcher's Findings

Based on the analysis of research data, the researcher explains the research findings as follows:

- a. Student achievement in class X-5 as an experimental class where the teacher in teaching using visual media before the experiment was carried out the researcher obtained a value of 4.85 (Less).
- b. Student achievement in class X-2 as a control class where the teacher in teaching without using visual media before the experiment was carried out the researcher obtained a value of 4.56 (Less).
- c. Student achievement in class X-5 as an experimental class where the teacher in teaching using visual media after the experiment was carried out, the researcher obtained a value of 8.04 (Good).
- d. Student achievement in class X-2 as a control class where the teacher in teaching without using visual media after the experiment was carried out the researcher obtained a value of 6.9 (Enough).
- e. The result of the calculation of hypothesis testing is testing 3,37 with $t_{count} > t_{table}$ with $\alpha = 0,05$ is , (3,37 > 1,99). Thus H_0 is rejected and H_1 accepted, or in other words there is a significant influence between learning using visual media on student learning outcomes in economic lessons of Kalam Pemantangsiantar Christian High and there is a significant difference between learning using visual media and learning without using media towards the economic learning outcomes of tenth grade students of Kalam Kudus Christian School Pematangsiantar.

4.2 Discussion of Research Results

The researcher realizes that this research cannot be said to be perfect because it still has many weaknesses as stated below:

- a. The limitation in teaching time is that it is only one month from the usual one year.
- b. The limitations in the scope of Economics material that are taught are only about needs and how to meet unlimited needs.
- c. Limitations in data processing, especially in using statistical formulas that are appropriate for experiments.
- d. With a sample size of 100 students and the data collection tool is an achievement test. The results showed that student achievement using visual media obtained higher scores than student achievement without using visual media each face to face in the teaching and learning process. As the researchers have previously stated, the learning achievement of students who use visual media each face to face in the teaching and learning process takes a higher value than the student achievement without using visual media every face-to-face in the teaching and learning process. So, teachers should always use visual media in the teaching and learning process to improve student learning outcomes.

5. Conclusion

Based on the results of data processing to hypothesis testing, the researchers made the conclusions that student achievement in class X-5 as an experimental class where the teacher in teaching using visual media before the experiment was carried out the researcher obtained a value of 4.85 (Less) then student achievement in class X-2 as a control class where the teacher in teaching without using visual media before the experiment was carried out the researcher obtained a value of 4.56 (Less) and Student achievement in class X-5 as an experimental class where the teacher in teaching using visual media after the experiment was carried out, the researcher obtained a value of 8.04 (Good) and Student achievement in class X-2 as a control class where the teacher in teaching without using visual media after the experiment was carried out the researcher obtained a value of 6.9 (Enough). The result of the calculation of hypothesis testing 3,37 with $t_{count} > t_{table}$ with $\alpha = 0,05$ is $(3,37 > 1,99)$. Thus H_0 is rejected and H_1 accepted, or in other words there is a significant effect between learning using visual media on student learning outcomes in economic lessons of Kalam Kudus Pematangsiantar Christian High School and there is a significant difference between learning using visual media and learning without using media towards the economic learning outcomes in tenth grade students of Kalam Kudus Christian School Pematangsiantar.

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