



## The Use of Learning Media to Improve Student Learning Outcomes at Elementary Schools

**Juli Asmida Rambe<sup>1</sup>, Erika<sup>2</sup>**

<sup>1,2</sup> *Unioersitas Haji Sumatera Utara, Indonesia*

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### ABSTRACT

Learning media is a tool that can be used by teachers in the learning process to create learning that is interesting and easier to understand in accordance with learning objectives, there are lots of learning media that can be used both from the environment and from factory-made. This article aims to examine the use of appropriate learning media to improve student learning outcomes at the elementary school (SD) level. The type of research used in this research is qualitative research literature review method. The data collection technique uses documentation techniques obtained from various sources which include scientific articles, books and so on which are considered relevant to this research, which are then analyzed using content analysis techniques. The results showed that student learning outcomes were influenced by the use of media in learning, there are many benefits in using learning media, namely learning will be more interesting, the material taught is easier for students to understand.

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### Corresponding

Author :

[juliasmida46@gmail.com](mailto:juliasmida46@gmail.com)

## INTRODUCTION

In the beginning, learning media was only considered as a tool to assist educators in teaching (teaching aids). The teaching aids used were visual aids such as pictures, graphic models or other real objects. These aids are intended to provide a real experience and motivate and enhance the memory of students. In the mid-20th century, efforts to utilize visual tools began to be complemented by audio equipment, so audio-visual learning equipment was born. Efforts to make lessons more concrete continue, media that are only viewed as learner aids have been authorized to carry learning messages, and are part of teaching and learning activities. Learning media is one of the most important elements in the teaching and learning process, the use of media in learning can foster student interest in learning, so that satisfactory learning outcomes are achieved.

Media in learning is closely related to learning outcomes, with the media, learning can take place in accordance with the goals to be achieved. Learning is a relatively permanent change in behavior resulting from experience. In learning, of course, there will be results to be achieved, namely the results of the learning. Learning outcomes are an ability or skill that can be achieved by students after going through learning activities that have been designed and carried out by teachers in a particular school and class.

With the existence of learning media, the teaching and learning process becomes easier and more interesting so that students can understand and understand lessons more easily, students' abilities can increase because they are in accordance with learning objectives, learning media used by teachers can help increase student concentration because learning media are interesting and easier to understand because they are in accordance with student needs.

Learning media is a very important element in improving student learning outcomes, with the media it creates interesting learning so that students easily digest what they have seen clearly. As a teacher, you must be able to create learning as creatively as possible so that students are not bored and bored, therefore teachers can use tools during learning. The importance of using learning media is put forward in Kurniawan and Trisharsiwi's research (2016), that learning media makes students happy, interested, and enthusiastic during the learning process and learning outcomes can be maximized, with the advancement of learning media, the results achieved will also be better.

Learning outcomes are changes in behavior and abilities obtained by students after learning, which take the form of cognitive, affective, and psychomotor abilities. Learning outcomes as a measurement of the assessment of learning activities or the learning process are expressed in symbols, letters, or sentences that tell the results that students have achieved in a certain period. Therefore, students should be able to obtain learning outcomes that are in accordance with the standards set or according to KKM, but in reality not all students can achieve maximum learning outcomes. This can be caused by the existence of various factors, one of which is the use of learning media that has not been maximized. Referring to the background above, it is necessary to have further research to determine the effect of using learning media, therefore a review is carried out on the use of learning media to improve student learning outcomes at the elementary school level.

## **RESEARCH METHOD**

This study uses a qualitative approach using literature study analysis techniques related to the use of learning media. Data collection is collected from

various different sources but still with the same discussion and also uses observations from several sources. Content Analysis is used as a method for analyzing data, Arikunto says that content Analysis is a method used as a source of information in the form of recordings, images, sounds, writings and others subjectively and systematically.

## **RESULTS AND DISCUSSION**

### **Learning Media**

Media is one of the most important ideas to avoid boredom of students because learning by using media is considered quite effective and can arouse their enthusiasm in participating in the teaching and learning process. According to Miarso, learning media is anything that is used to channel messages and can stimulate thoughts, feelings, attention and willingness to learn so that it can encourage a learning process that is intentional, purposeful, and controlled.

Learning media is important in the learning process because teachers can easily convey material to students. Teachers do not only convey material in the form of words with lectures but can bring students to better understand the material conveyed.

Teachers are the main role to realize the progress of education in schools, therefore media is treated to make it easier for students to master the learning material conveyed by the teacher, learning media is also needed as a teacher's effort to increase student interest in learning, motivation, creativity and so on to support learning outcomes. In order for learning to improve learning outcomes, one of the things that can be done is to select the right media and infrastructure so that competence can increase in students. According to Arsyad, the use of learning media in the learning process can generate new interests, arouse motivation / stimulation of activities in learning. And even bring psychological influence on students. By using the media the teacher can also increase and direct the attention of students so that interest and motivation will arise and can overcome the limitations of the senses, space and time.

At the school level is a time when students still need learning guidance, they are also said to be good observers, so here lies the importance of the media as an intermediary that carries information or material from learning sources to students. If the media is good and appropriate according to the content, the information will be received well by students, this is where the role of the media is needed especially at the elementary school level.

According to Salmiyah divides learning outcomes into 3 domains, namely the cognitive domain, the effective domain, and the psychomotor domain. The

cognitive domain is concerned with intellectual learning outcomes consisting of six aspects, namely knowledge, memory, understanding, application, analysis, synthesis and evaluation, while the affective domain is concerned with attitudes and values.

According to Hani, media is a tool that is very useful for students and educators in the teaching and learning process, while according to AECT in 1979 defines media as a form of channel for the information transmission process.

According to Daulae, learning media is everything that is used to channel messages and can stimulate thoughts, feelings, attention, and willingness to learn so that it can encourage a more directed learning process. Learning media can also be defined as something that can be used to convey messages and information in the teaching and learning process, so that it can stimulate students' attention and interest in learning.

Based on the opinions of these experts, it can be concluded that what is meant by learning media is a tool used in the teaching and learning process so that the meaning of the message delivered by the teacher can be understood by students and the objectives of learning can be achieved effectively and efficiently.

Based on the explanation according to the experts above, it can be concluded that the media is a tool used by teachers in the teaching and learning process, to help students better understand what is conveyed and make learning more interesting so that student interest in learning arises and good learning outcomes are created.

If in terms of media use in relation to the senses used by humans to gain knowledge, the media is classified into three types, namely viewing media (visual), hearing media (audio), and hearing media (audio visual). The explanation of the types of learning media is as follows:

1. This media

is related to the sense of sight, teaching media in the form of visual aids are generally said to be useful in relation to motivation, memory, and understanding. Visual media plays an important role in the learning process, this media can help improve understanding, strengthen memory, and can foster student interest in learning. Viewing media (visual) is divided into two media, namely non-projection viewing and projected viewing media. What is meant by non-projection media is media that is often used in the teaching and learning process, both two-dimensional and three-dimensional and in using it there is no need for electricity. While projected media is a viewing medium that in the process of operation

requires electricity and highlighting with light so that it can be seen by users of the media.

2. Hearing or audio media

Audio media is closely related to the sense of hearing, the message conveyed is presented in auditive symbols, both verbal (in words / language Lisa) and non-verbal. Audio media can attract and encourage students to learn more material. By relying on hearing students will continue to try to find out because of their high curiosity.

3. See and hear media (audio visual)

The most interesting teaching media in learning is hear and see media, with this media students can see and hear what the teacher shows so that learning becomes more enjoyable. Included in the type of audio visual media are television, VCD, and others that can display images and sound.

Based on the explanation above, the benefits of learning media are to facilitate the learning process and improve student learning outcomes. So it can be concluded that there are many types and kinds of learning media, ranging from the smallest, simplest, and cheapest to the most sophisticated, there are media that can be created by the teacher himself, and there are also factory-produced media, there are media that can be utilized from the surrounding environment and there are also media specifically designed to achieve learning objectives.

Of the many media, but in reality there are not many types of media that can be used by teachers in schools, of the several media that are most widely used until now by teachers in schools, especially at the elementary school level, are printed media (books), almost all schools use books, besides that many schools have also used image media, graphic models, and overhead projectors (OHP).

The influence of the use of learning media on education affects the teaching and learning process of students and teachers, which can increase the motivation of students to learn, because teaching materials using media media will be clearer in meaning so that they can be better understood by students and allow students to master the objectives of teaching materials. Learning methods are more varied not only verbal communication through oral conveyors, and students do not feel bored in learning and also make teachers not run out of energy in delivering material.

The learning process does not only take place in the school environment but can take place anywhere and anytime when needed, for example students can learn using electronic media such as television, radio, smartphones and so on. In this case the teacher can provide direction to students so that the

objectives to be achieved are achieved by the learning media. The use of learning media is very influential on the teacher, because the teacher plays a very important role in determining the learning media, the teacher must choose the learning media that will be used according to the material and the needs of the students.

With the advancement of information and communication technology, teachers in delivering subject matter must follow these advances, teachers must be able to use learning media that is interesting, fun, and in accordance with student learning needs. So that students can easily understand the lessons conveyed by the teacher. According to Nasution, the benefits of learning media as a tool in the learning process are to make learning more interesting for students so that it can foster learning motivation, teaching materials will be clearer in meaning so that they can be easily understood by students, learning methods are more varied, and students do more learning activities not only listen to explanations from the teacher.

As we know that learning media has many benefits, media is an integral part of learning in the classroom or as the main way for teachers when learning takes place. As for the benefits of learning media according to Azhar Arsyid (Rhizal, 2011), namely learning that is conveyed more actively, learning that is presented more interestingly, the media can be said to attract students' attention, learning that takes place is more fun, the length of learning time can be shortened because the media only requires a short time to deliver messages and teaching content in large enough quantities and allows students to understand.

The benefits of learning media in the learning process are:

1. Teaching will attract more students' attention so that it can produce good learning
2. Teaching materials will be clearer in purpose so that they can be more easily understood by students and students can master the learning objectives
3. Teaching methods are more varied, not only verbal communication, so that students are not bored and teachers do not run out of energy.

### **Learning Outcomes**

Learning outcomes are the gains or numbers from the assessment of one lesson. The concept of learning is also put forward by Hamalik (in Novita, 2019) who argues that learning outcomes are patterns of actions, values, notions, attitudes, and apperceptions. Then Putri stated that learning outcomes can be interpreted as the level of student success in learning the learning material

provided by the teacher at school then expressed in scores and obtained from test results regarding a certain amount of learning material.

According to Dimiyati and Mudjiono (in Milala, 2019) suggest that learning outcomes are the results shown from an interaction of learning actions, and are usually indicated by test scores given by the teacher.

Learning outcomes are the interaction of an individual actively and positively with his environment, according to Oemar Hamalik (In Nurrita, 2018) learning outcomes are when someone has learned there will be changes in the person's behavior, then Winkel also states that learning outcomes are an ability that exists within students who have become someone's personal property. From the above study, it can be concluded that learning outcomes are the results that teachers give to students in the form of assessments after participating in the learning process by assessing knowledge, attitudes, abilities in students with changes in behavior.

Learning outcomes can also be interpreted as how far the level of success that students have during the learning process can be measured using the scores obtained from the results of a series of tests that have been carried out. From several definitions that have been explained, it can be concluded that the results of teaching and learning obtained by each individual after completing the learning process at school have been stated with the success obtained both in terms of cognitive and psychomotor.

According to Wulandari and Endang, with the existence of learning media students can improve their learning outcomes, including:

1. The teaching and learning process will be more interesting  
Using learning media can make it easier for educators to teach students about the material being conveyed.
2. Efficiency in the learning process can develop well and in line  
Students learn with the media used in learning, learning activities will be much more improved because they can achieve learning goals. And the teacher in the process of delivering the material will be more in line by providing material that is easy to understand first then continuing with a fairly difficult one.  
Help students concentrate more on learning
3. Interesting and good media according to student needs can help students to focus on the material provided by the teacher, not the emergence of boredom when in the classroom during learning.
4. Increase student motivation in the learning process  
With the media in learning, student learning motivation will increase in receiving learning materials delivered by the teacher.

5. Can provide a comprehensive experience when teaching and learning.

Based on the description above, it can be concluded that learning outcomes are the acquisition of values or numbers obtained during learning. With the media, students can improve their learning outcomes, namely a more interesting learning process, increase student motivation, and can provide a comprehensive experience when teaching and learning.

## CONCLUSION

From the results of the description above, the author can conclude that the use of media in learning is very influential on student learning outcomes, with the learning media created it will be more interesting so that children can understand easily, the media used there are various kinds of both visual and audio visual. In this case the teacher plays an important role in running the media, because students only carry out what has been taught, so as a teacher must be able to create interesting learning for students, because in general students at the elementary school level prefer to learn using the media because they not only listen to the explanation but can also see or practice it so that satisfactory learning outcomes will be created.

Based on the above conclusions, it can be said that the use of media is very useful in learning this is because students will feel more happy when learning, students can express themselves and can see and hear what they want to know related to learning. So that learning can run as expected.

## REFERENCES

- Akbar, Reza Rizki Ali. *"Pengembangan Video Pembelajaran Matematika Berbantuan Media Sosial Instagram Sebagai Alternatif Pembelajaran."* Undergraduate, UIN Raden Intan Lampung, 2018. <http://repository.radenintan.ac.id/3618/>.
- Daulae, Tatta Herawati. *"Langkah-Langkah Pengembangan Media Pembelajaran Menuju Peningkatan Kualitas Pembelajaran."* FORUM PAEDAGOGIK 10, no. 1 (30 Juni 2019): 52-63. <https://doi.org/10.24952/paedagogik.v11i1.1778>.
- Kurniawan, Taufik Dwi, dan Trisharsiwi Trisharsiwi. *"Pengaruh Penggunaan Media Video Pembelajaran Terhadap Prestasi Belajar Ilmu Pengetahuan Sosial Siswa Kelas V Sd Se-Kecamatan Gedangsari Gunungkidul Tahunajaran2015/2016."* TRIHAYU: Jurnal Pendidikan Ke-SD-an 3, no. 1 (2016). <https://doi.org/10.30738/trihayu.v3i1.739>.
- MILALA, VENI VERA BR. *"Meningkatkan Hasil Belajar Siswa Dengan Menggunakan Model Pembelajaran Talking Stick Pada Mata Pelajaran Ips Di*



- Kelas Ivsd Negeri 040469 Surbakti Tahun Pelajaran 2018/2019.*" Skripsi, UNIVERSITAS QUALITY, 2019.  
<http://portaluniversitasquality.ac.id:55555/138/>.
- Muyaroah, Siti. "Efektifitas Mobile Learning Sebagai Alternatif Model Pembelajaran." *Lembaran Ilmu Kependidikan* 46, no. 1 (3 Juli 2017): 23-27.  
<https://doi.org/10.15294/lik.v46i1.10183>.
- Novita, Lina, Elly Sukmanasa, dan Mahesa Yudistira Pratama. "Indonesian Journal of Primary Education," t.t., 9.
- Nurrita, Teni. "Pengembangan Media Pembelajaran Untuk Meningkatkan Hasil Belajar Siswa." *MISYKAT: Jurnal Ilmu-ilmu Al-Quran, Hadist, Syari'ah dan Tarbiyah* 3, no. 1 (27 Juni 2018): 171.  
<https://doi.org/10.33511/misykat.v3n1.171>.
- Putri, Ayu Ade Anjelina. "Pengaruh Model Pembelajaran Pbl Berbantuan Media Gambar Terhadap Hasil Belajar Ipa Siswa Kelas Iii Sd." *Journal for Lesson and Learning Studies* 1, no. 1 (14 Juli 2018): 21-23.  
<https://doi.org/10.23887/jlls.v1i1.14621>.
- Rahma, Ajeng Wulandari, dan Endang Purbaningrum. "JURNAL PENDIDIKAN KHUSUS,"
- Ristanto, Rizhal Hendi. "Pembelajaran Biologi Berbasis Inkuiri Terbimbing Dengan Multimedia Dan Lingkungan Riil Terhadap Prestasi Belajar." *Educatio* 6, no. 1 (6 Juni 2011): 53-68. <https://doi.org/10.29408/edc.v6i1.23>.
- Salmiyah, Salmiyah. "Peningkatan Hasil Belajar Pai Aku Senang Berwudhu Dengan Menggunakan Media Video Pembelajaran Pada Siswa Sdn Sungai Dua Laut Kecamatan Sungai Loban." *Prosiding Pendidikan Profesi Guru Agama Islam (PPGAI)* 1, no. 1 (1 September 2021): 1751-60.
- Simbolon, Dedi Holden, dan Sahyar --. "Pengaruh Model Pembelajaran Inkuiri Terbimbing Berbasis Eksperimen Riil dan Laboratorium Virtual terhadap Hasil Belajar Fisika Siswa." *Jurnal Pendidikan dan Kebudayaan* 21, no. 3 (14 Desember 2015): 299. <https://doi.org/10.24832/jpnk.v21i3.192>.
- Subakti, Hani, Keren Hapkh Watulingas, Nana Harlina Haruna, Mesra Wati Ritonga, Janner Simarmata, Ahmad Fauzi, Dewa Putu Yudhi Ardiana, Siska Yulia Rahmi, Dina Chamidah, dan Agung Nugroho Catur Saputro. *Inovasi Pembelajaran*. Yayasan Kita Menulis, 2021.