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## **The Use of Learning Media and its Effect on Improving the Quality of Student Learning Outcomes**

**Leli Hasanah Lubis<sup>1</sup>, Budi Febriani<sup>2</sup>, Rendi Fitra Yana<sup>3</sup>, Azhar<sup>4</sup>,  
Mulkan Darajat<sup>5</sup>**

<sup>1</sup>STIT Al Bukhary Labuhanbatu, Indonesia

<sup>2</sup>Universitas Labuhanbatu, Indonesia

<sup>3</sup>Universitas Al Washliyah Labuhanbatu, Indonesia

<sup>4</sup>STIT Al Bukhary Labuhanbatu, Indonesia

<sup>5</sup>UNIVA Labuhanbatu, Indonesia

### **ABSTRACT**

The purpose of this paper is to discuss strategies for using media in education to enhance learning. This type of research is a literature review research, which uses the opinions of various experts in this study and analyzes various theories about teaching media and their impact on learning outcomes. The definition of educational media is anything that can channel and convey messages from sources such as people, materials, equipment or activities to create conditions for recipients (students) to successfully complete the learning process. Principles of teaching: 1) The method used by the teacher must be appropriate and oriented towards achieving learning objectives. 2) The media used must be relevant to the subject matter. 3) Teaching tools must be in accordance with the interests, perseverance, and circumstances of students. 4) The media used must focus on effectiveness and efficiency. 5) The support used must be in accordance with the work ability of the teacher. Teaching is more effective because teaching tools make it easier for students to understand and deepen the material presented to them and create coherent understanding that maximizes achievement and improves student outcomes and skills.

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**Corresponding**

**Author** 

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

### **INTRODUCTION**

In an optimal learning process for students, media-based learning is a tool used by teachers to convey learning material. In the era of globalization, madrasahs are filled with high-tech environments to maximize the learning process. New technologies, especially multimedia, are playing an increasingly

important role in the learning process. Many people believe that multimedia brings us to learning situations that replace forced learning with fun learning. Therefore, an interesting, creative and not boring learning process is the right choice for teachers (Sagala, 2012).

The education system that has been implemented so far is the traditional education system (teaching) which is loaded with an educational atmosphere and is not in accordance with the dynamics of the rapid development of science and technology. In addition, educational tasks must include moral values, noble character, creativity, independence and leadership, which are very difficult in the existing education system. The traditional education system is less flexible in mastering competency material because the teacher has to study the material intensively (Hamruni, 2012).

(Munadhi, 2008) Courses on the latest technological developments. It is not true that skill development is faster than the teacher's ability to apply competency material to this development, so that graduates inevitably stop acquiring new knowledge/skills. As well as various types of information provided in quick time. Communication in this information age always involves electronic and non-electronic means.

(Sabri, 2010) Systematic educational institutions such as family, religion, madrasah, and supervisory bodies. This explanation shows that the presence of the mass media has affected all areas of life, including our education system, although to varying degrees. (Sanjaya, 2012) Thus, a person's learning outcomes are determined by various factors that affect him. One factor outside the individual is the availability of media that makes learning material easier and consequently learning becomes better. Furthermore, the way of learning or learning style is a relatively stable indicator of how students relate to and respond to their learning environment, a description of their cognitive, affective, and psychomotor behavior.

Educational activities, namely educational processes formed by teachers and students, such as intellectual growth, maturity, emotional and moral. The relationship between teacher and student in this learning process determines the success of education organized by the institution. This teaching and learning environment requires several supporting components to achieve effective learning. Teaching aids are one component that guarantees effective learning outcomes.

## **RESEARCH METHODE**

The method of data collection is literature study analysis. The method used for this assessment is a literature review. The data obtained can be

collected, analyzed and summarized to draw conclusions about the literature review (Sari & Asmendri, 2020).

## **RESULT AND DISCUSSION**

One of the benefits of learning from those who follow it is the availability of learning tools. This is due to the fact that the manual is specific and further deepens the understanding of the students.

In the classroom, such as the life of marine life, otherwise it is impossible to study marine life, but if using the lecture method, a variety of student students will eventually appear in terms of student variety. Less than the results obtained and less than the learning objectives, which reduces to the effectiveness of the learning process. Due to limited infrastructure/media facilities, students are less interested in the material and only get theory. Effective learning is also learning that shows compatibility between context, input, output and learning outcomes. Learning with learning aids is more effective because it allows students to more easily understand and deepen the material presented and creates a coherent understanding so as to maximize results and improve student performance and skills.

(Sagala, 2012) Creative teaching is a learning process designed and implemented by teachers who can create simple learning tools that encourage student understanding. Creative teaching requires teachers to stimulate students' creativity both in developing thinking skills and in carrying out activities. Creative thinking always begins with critical thinking, meaning the discovery and birth or improvement of something that did not exist before.

Since learning outcomes are not optimal, an appropriate environment must be used to achieve learning objectives and allow students to express their ideas and work, resulting in students being guided towards critical and creative thinking. In using media, you must also have the right media selection strategy for effective learning. (Hamruni, 2012) thus concludes that the principles of effective learning in the use of mass media are purpose, activity, individuality and integrity. (Sagala, 2012) explains that teacher success is ensured if they can encourage students to understand problems at all stages of the learning process. As a source of learning, teachers have an obligation to provide a creative educational environment for student learning activities in the classroom. One way is to use the right media.

### **Definition of Learning Media**

Media comes from the Latin word "medius" which literally means middle, intro or middle. In Arabic "wasa'il" means "wasail" and the plural "wasila" is a

synonym for al wasat which means center, because it is located in the middle of side 2, thus introducing or connecting from side 1 to side 2 the other side.

(Arsyad, 2016) Learning aids are the various components of the student environment that motivate them to learn. Learning aids can be understood as any tool that teachers can use to convey messages to students and vice versa. Thus, it can stimulate students' thoughts, feelings, interests, and interests to streamline the learning process efficient. Learning aids can also be understood as methods, approaches and tools used to make communication more effective in the learning process.

(Wahyuningtyas & Sulasmono, 2020) Mass media is a tool used as a medium to convey messages and can stimulate the teaching and learning process by stimulating thoughts, feelings and progress of the audience (students). Teachers who know how to use information tools effectively can increase students' interest in learning and the learning process, and students can understand the topics discussed by the teacher more quickly and easily. Therefore, it can be concluded that educational media is a component in the form of tools, methods and strategies used in the learning process to support effective learning.

### **Functions and Benefits of Learning Media**

States that the delivery of messages from teacher to student and vice versa is significantly different between the use of instruments and verbal communication. With this in mind, parishes have specific functions and roles which are described below:

1. Record specific objects or events: Important events or rare items can be captured as photos, films or video or audio, and these events can be saved and available when needed. The teacher can explain the process of a rare solar eclipse through video recordings.
2. Mastery of situations, events or objects: Teachers can present abstract and concrete learning materials through visual aids, so that they are easy to understand and eliminate language. Educational materials can also help display objects that are too large to display in the classroom or objects that are too small to be seen with the naked eye.
3. Increasing motivation and enthusiasm for learning: the use of information media increases student learning motivation, increases student learning interest.
4. Teaching tools have real value:
  - a. Media can overcome the limitations of student experience.
  - b. Media can transcend class boundaries.

- c. The mass media promote direct interaction between participants and the environment.
- d. Mass media can create perception homogeneity.
- e. Media can teach basic concepts that are true, accurate, and precise.
- f. Media can motivate students to learn.
- g. Mass media can create new needs and interests.
- h. Information aids can determine the speed of student learning.
- i. Media can provide a comprehensive experience, from the concrete to the abstract (Thobroni, 2016).

### **Kinds of Media**

Distinguishes process media into two and three dimensional media and projection media.

1. 2D buffer. These two-dimensional visual aids include charts, graphs, posters, still images, flat maps, and relief maps, which are basically three-dimensional maps made of clay or paper used as a flat surface.
2. Projected media. Projection media is media that uses a projector to project an image onto a screen. Projected media include films, transparencies, and film strips.

In the learning process various media can be used for teaching, but the teacher pays little attention to which media is suitable for students and in accordance with the material presented for learning.

### **Criteria and Important Aspects of Choosing Learning Media**

Carvati and Priansa Media is software or tools used by teachers to speed up the process of presenting learning material presented in class. Some of the criteria to consider include:

1. Easy to use. Accessibility and ease of use are the most important factors in selecting educational tools.
2. Cost. Utilization of IT technology and devices as a means of learning usually requires a lot of money to buy, maintain and upgrade equipment to keep up with the times.
3. Facilities available. The teacher must be able to arrange the learning process properly using the available teaching tools.
4. interactive environment. A good educational environment is one that can establish two-way or two-way communication between teachers and students.
5. Organizational support. Organizational support is also important to support and promote optimal learning tools (Wina Sanjaya, 2008).

With the above in mind, teachers should be able to consider several important aspects related to the decision to use teaching materials: individual

differences, student motivation, student feelings, and student involvement and reinforcement.

### **Principles of Using Learning Media**

Carvati and Priansa state that there are principles that teachers must pay attention to in selecting and using teaching aids:

1. No single learning resource is good for all learning objectives.
2. Media is an integral part of the learning process, so media is not only a teacher's teaching tool, but also the most important part of the learning process.
3. The use of any learning resources used should aim to support students in their learning.
4. Using a variety of educational tools means information tools that complement each other as much as possible.
5. The selection of teaching materials should be guided by learning objectives and not based on the teacher's personal preferences.
6. well managed

Teachers must be able to deal with the advantages and disadvantages of the mass media as well as possible in order to provide a fair understanding to students.

### **The Role of Media in Increasing Learning Motivation**

The role of the media in increasing motivation to learn is that there is research showing the positive effects of using media as a component of classroom teaching or as the main means of personal teaching, such as:

1. The training sessions are standardized and all students who view or listen to the media presentation receive the same message. Teachers present lessons in various ways. The use of information tools can reduce the variability of interpretation results so that the same information can be conveyed to students as a basis for further learning and applied assessment.
2. Teaching can be more fun by connecting media to engage or retain students, clarity and sequence of messages, the appeal of changing pictures, use of special effects to arouse interest, make students laugh and think. Among them, it was found that there were aspects of encouragement and increased interest in promoting the benefits of media:
  - a. Teaching helps motivate learning because it involves more student attention.
  - b. The learning material is clear enough to better understand students and achieve their learning goals.

- c. So that students don't get bored and the teacher doesn't work too much, the teaching methods and the teacher's words are varied, especially if the teacher teaches every class hour.
- d. Students can do more learning activities because they observe and do rather than just listening to the teacher's explanation. (a) One of the practical advantages of using textbooks in the education and learning process is that media and student knowledge can be increased. Therefore, the process of learning and improvement, b) students and the direct interaction between the environment and their surroundings can be learned with their own skills and attention.

Relations with the media, especially the mass-media generator, the builder of research and interpretation, and the transmission of effective use of the media, and the other two are indicators of the media that help increase educational motivation.

Media teacher is a teacher and uses educational strategies that are integrated through strategies, methods, approaches and educational methods for teachers and learning objectives. An effective teacher training method, the requirements that must be met:

1. Dynamic learning through the use of computers and multimedia interaction
2. Unlimited connections worldwide
3. Use experts, peer advisors and yourself to evaluate your work.

Teachers and students need adequate knowledge and skills to meet the demands of the globalization era. Education through the use of media effectively influences or determines learning. Therefore, teachers need to know how to use learning tools to manage students, manage learning activities, manage content/learning materials, and manage learning resources.

## CONCLUSION

Educational media is anything that can channel and convey messages from sources such as people, materials, equipment or activities to create conditions for recipients (students) to successfully complete the learning process. Principles of teaching: 1) The means of information used by teachers must be appropriate and oriented towards achieving learning objectives. 2) The media used must be relevant to the subject matter. 3) Teaching tools must be in accordance with the interests, perseverance, and circumstances of students. 4) The media used must focus on effectiveness and efficiency. 5) The support used must be in accordance with the work ability of the teacher.

Teaching is more effective because teaching tools make it easier for students to understand and deepen the material presented to them and create coherent understanding that maximizes achievement and improves student performance and skills.

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