



THE EFFECT OF ONLINE LEARNING PROCESS USING AUDIO MEDIA ON STUDENT LEARNING OUTCOME SCIENCE LESSONS IN CLASS V SDN 1 KWANDANG

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Article history:	Abstract:
<p>Received: 8th September 2021 Accepted: 8th October 2021 Published: 25th November 2021</p>	<p>This study aims to determine the description of Indonesian education currently experiencing the Covid 19 pandemic period. Currently, learning in most parts of Indonesia, including education in Gorontalo Province, is still conducting online learning. The current online learning process is very influential on students' learning motivation, especially at the elementary level. Parents feel grateful because face-to-face learning is still being postponed, so parents feel a little relieved. This is because parents think their children will not be exposed to the plague that is so feared at this time. In the learning process, teachers find it difficult to explain science learning materials, because science materials require more explanation and even require teachers to use a learning media. For this reason, in online learning, teachers are required to use learning media that can motivate students to take part in science learning so that student learning outcomes will be good. Through online learning using appropriate media such as audio-visual, we can influence student learning outcomes in science subjects in class V SDN 1 Kwandang</p>

Key Words: Online Learning, Audio Visual Media

INTRODUCTION

The global outbreak of Covid 19 has hit all parts of the world, as well as what happened in Indonesia. In this regard, the ministry of education and culture takes a firm stance through several circulars about education policy in Indonesia today. To reduce the spread of the COVID-19 outbreak, the government has made several efforts to reduce this number, one of which is implemented in the Indonesian education system is the online learning process. learning Implementation of teaching and learning activities implemented insystem *the online* or systems in the network(*online*)since March 2020. The system of learning is done without direct face to face but to do with the distance learning system. With the distance learning system students are not required or not required to come to school to carry out teaching and learning activities. This online learning cannot be avoided from the development of information and communication technology that has become entrenched today in every level of society.

The online learning includes the *Google Meet* application, the application *Zoom*, YouTube, television, and social media *WhatsApp*. All of these facilities resulted from the development and increasingly advanced information and communication technology. However, with this online learning system, it is possible that some problems will arise in the learning process. With the implementation of this online learning, of course, students and educators from all walks of life are required to have good internet network access. However, until now many areas do not have good internet access.

With a learning system that is carried out online, where students do a lot of activities at home so that it can make it easier for parents to supervise their children. In addition, in terms of creativity, both educators and students in online learning systems are required to be creative. For example, not a few educators make learning materials that are presented in the form of learning videos. Then students also get assignments to make interesting learning videos. Basically the Covid-19 pandemic has an impact on human activities. It is undeniable that at first many people thought that the Covid-19 pandemic was a difficult period for humans. but without us realizing there are many positive sides that can be learned from the Covid-19 pandemic that is sweeping the world to this day. However, the community cannot use the Covid-19 pandemic as a reason not to be able to carry out activities, especially in the field of education.

For this reason, the Indonesian government strives even though during the Covid-19 pandemic, education must continue so that what is the nation's ideals will still be carried out even if it does not run optimally. In general, the definition of education is a conscious and planned effort to create a learning atmosphere and learning process for

students to actively develop their potential to have religious spiritual strength, self-control, personality, intelligence, noble character, and skills needed by themselves and society. Education can be interpreted as a conscious and systematic effort to achieve a standard of living or for better progress. In simple terms, education is the process of learning for students to be able to understand, understand, and make people who previously did not know will know.

RESEARCH METHOD

Research was conducted at SDN 1 Kwandang, North Gorontalo Regency with a population of 30 students. Consisting of 15 students in class VA as the control class and 15 students in class VB as the experimental class. This study uses Pre-test and Post-test control design. In this design there are two sample classes, namely the experimental class and the control class. The experimental class was treated using Audio Visual (Video) learning media, while the control class used the usual method that was done by the previous teacher

DISCUSSION

Online Learning

According to Rahmat (2021) distance learning is a set of teaching methods in which teaching activities are carried out separately from learning activities. The separation of the two activities can be in the form of physical or non-physical distance. Physical distance in terms of location, and non-physical distance in terms of conditions. Through distance learning, it is also possible for teachers and students from different places to even be separated by a very long distance, besides that, in distance learning, the term E-Learning is also known. E-Learning.

According to Rahmat (2021) E-Learning can be understood as a delivery method using a computer and utilizing internet technology and programming that allows students to interact with lesson materials through chat rooms.

According to Rahmat (2021) distance learning is a form of self-learning that is systematically organized by a group of teachers who have different responsibilities.

Based on the statements above, it can be concluded that online learning is learning that occurs indirectly or without face to face. In online learning, teachers and students are in different places when learning takes place

Audio Visual Media

According to Wahyuningtyas (2020) a teacher can use learning media to improve student learning outcomes.

Through the use of media education of students actually involved directly and actively in the learning

According to Kuswanto, J., & Radiansah, F. (2018) the beauty, attractiveness and interactivity in a learning media is a means so that students are not bored in following lessons and the greatest effect is that students are expected to be motivated and make it easier to receive subject matter.

According to Rahmat (2021) educator is spearheading education in a variety of efforts to implement a distance learning through the media Group, Whatsapp, and other online learning applications.

Based on the explanation above, it can be concluded that the online learning process or distance learning can improve learning outcomes because students are directly involved in learning. In this study using audio visual media. Audio-visual media is a medium for delivering information that has audio (sound) and visual (image) characteristics. The use of audio-visual in science lessons in elementary school is very useful, because audio-visual media has certain functions in the learning process, including generating student learning motivation, and stimulating science learning activities, helping fluency, effectiveness and efficiency in achieving learning goals, and helping students critical thinking. It is hoped that audio-visual media can improve the quality of students' learning processes in learning which in turn will also improve their learning outcomes.

NATURAL SCIENCE

Utami, YS (2020) science lesson is an important lesson, as a provision of knowledge or foundation for students to the next level. Events about nature are included in science learning. Gaining an understanding of nature, the ability to think, work and behave scientifically can be done in science learning.

Based on the description above, it can be concluded that Natural Science (IPA) is related to nature or the surrounding environment, so that Science is the mastery of a collection of knowledge in the form of facts, concepts, or principles. In elementary/MI science learning, students are required to explore a very broad science material. During the current covid 19 pandemics where learning is only done online, it requires teachers to be more creative in choosing the media used. This is so that science learning does not seem abstract to students when learning online.

LEARNING OUTCOMES

According to Rahmati T (2018), learning outcomes are abilities obtained by children after going through learning activities. Learning itself is a process of someone trying to obtain a form of behavior change. In learning activities, the teacher sets learning goals that must be achieved by students. Students who are successful in learning are those who succeed in achieving the learning objectives or instructional objectives.

Based on the description above, it can be concluded that learning outcomes are a change obtained after experiencing the learning process. In this article, the expected learning outcomes are the results of science learning carried out in online learning. Where during this pandemic, teachers are very difficult in delivering science lesson content so that students' science learning outcomes are low during the covid 19 pandemic. By using audio-visual media in online

learning, teachers will easily transfer material to students so that online learning will be fun and student learning outcomes will increase. during this COVID-19 outbreak.

CONCLUSION

In the online learning process, audio-visual learning media is very influential on student learning outcomes in science learning content. In addition, students also have different experiences in the learning process using audio-visual media in online learning. By using audio-visual media students will be more interested in learning so that students will easily understand the material being taught. Thus student learning outcomes in the content of science lessons will increase.

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