

# USE OF VIDEO ECOSYSTEM AS A TOOL OF LEARNING DURING THE COVID-19 PANDEMIC IN ELEMENTARY SCHOOL

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## ARTICLE INFO

## ABSTRACT

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### **Keywords:**

*Ecosystem videos; learning tools; symbolic interactionism*

The purpose of this study was to describe the use of ecosystem videos during the covid-19 pandemic in elementary schools, to find out the importance of using ecosystem videos for students during the covid-19 pandemic in elementary schools, and to describe the meaning of ecosystem videos for students in elementary schools. . This study uses a qualitative research approach with research design using case studies. Data collection techniques using non-participant observation, interviews and documentation. The validity of the data is done by triangulation. The triangulation used in this research is source triangulation and technique triangulation. The data analysis techniques used are data collection, data reduction, data presentation, and conclusion drawing. The use of video ecosystem is important for students to attract attention and direct the concentration of students because video is a moving image that is said to be more effective than other media. And the meaning of the video ecosystem for students, human teachers (actors) who act important on the basis of the meaning of giving students enthusiasm for learning and providing actions that are obtained through social interaction.

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## 1. Introduction

Education is the most important component in realizing the development and progress of a nation. The higher the level of public education, the higher the quality of Indonesian educators. Education is a conscious, planned effort to create a learning atmosphere or learning process so that students actively develop their potential to have religious spiritual strength, self-knowledge, personality, intelligence, noble character, and skills needed by themselves, society, nation and state (Nasional, 2003).

Education that is currently feeling the impact of the COVID-19 is elementary school. Coronavirus Disease (covid-19) is a virus that attacks our immune system, this virus is a contagious virus, with a weakened immune condition, this virus will quickly attack our bodies. This virus attacks through the respiratory system such as the nose, throat, and lungs. And this virus is a big problem for people all over the world. Covid-19 first entered Indonesia on March 2, 2020 (Syafi'i et al., 2020). To prevent Covid-19, the government issued a strict policy to break the chain of spread by Indonesian citizens,

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namely social restrictions, prohibiting people from gathering, maintaining physical distance (physical), wearing masks, and always washing hands.

The impact of the COVID-19 on the education sector from the preschool and tertiary levels experienced changes in applicable policies including students experiencing difficulties in learning without adequate facilities and infrastructure at home, students have never experienced distance learning activities, if schools are closed for too long so that it makes students bored at home, there are additional costs in purchasing internet quotas, teachers are also required to adapt quickly to technology and have adequate facilities and infrastructure (Purwanto et al., 2020). Students who attend school will increase their memory capacity (Jonsson et al., 2017). So to improve the memory of students in learning materials during the COVID-19, learning is replaced using a distance learning system (online) with parental guidance. The teacher's online learning system uses videos to deliver learning materials.

Video is everything that can be used to channel information and can stimulate the mind, arouse enthusiasm, attention and willingness of students so that it can encourage the learning process in students (Suryani & Agung, 2012). Videos make it easier for teachers to explain learning materials during the COVID-19, so they can foster a sense of enthusiasm for learning in students. In the 21st century, everyone can get information about learning materials through videos.

Based on interviews with fifth grade teachers at SD Negeri Pebatan 03 that the lack of students in mastering ecosystem material, makes students tend to be bored or bored, and lack enthusiasm for learning. Therefore, teachers are required to be able to create good teaching techniques, and make interesting videos so that students actively participate in the learning process.

Based on these problems, researchers want to conduct in-depth research to find solutions regarding the use of ecosystem videos as a learning tool during the COVID-19 in elementary schools. Therefore, this study was conducted to describe the use of ecosystem videos as a learning tool during the covid-19 in elementary schools which consisted of using ecosystem videos during the covid-19 in elementary schools, the importance of using ecosystem videos for students during the covid-19 pandemic . -19 in elementary schools and the meaning of ecosystem videos for students in elementary schools.

## 2. Methodology

This study used a qualitative approach with a case study design. This study focuses on the use of ecosystem videos during the covid-19 in elementary schools, the importance of using ecosystem videos for students during the covid-19 in elementary schools and the meaning of ecosystem videos for students in elementary schools. The data sources of this research are primary data and secondary data. Primary data were obtained from research in the field using interview and observation techniques, while secondary data were in the form of reference books in the library, previous research, photos related to the problems studied. Data collection techniques using non-participant observation, interviews and documentation. The validity of the data is done by triangulation of sources and triangulation of techniques. The data analysis technique uses data collection, data reduction, data presentation, and drawing conclusions.

### 3. Results and Discussion

#### Results

##### **The use of ecosystem videos during the covid-19 in elementary schools**

The video displays information, the information conveyed is ecosystem material. Ecosystem material studied by fifth grade students. In this condition, it is difficult to interact between teachers and students, because socializing or gathering is prohibited. The reason teachers apply ecosystem videos during the covid-19 pandemic COVID-19 there is a prohibition on gathering and socializing.

Constraints for students who feel bored with the current condition of online learning, the teacher finally held PTM (Face-to-Face Learning) divided into 2 sessions, the first session of students departed at 08.00-09.00, the second session students departed at 09.00-10.00, but it doesn't go well because the students are scheduled to leave in the afternoon but come in the morning. Online learning is used as an alternative to learning during the COVID-19. This is in accordance with the government's recommendation to break the chain of spread.

Online learning which is a learning process is only one-way with current conditions that are not conducive for teachers to explain material using videos. Videos have a difficulty level of lack of feedback with learners. Teachers have difficulty in using ecosystem videos, namely teachers find it difficult to measure the ability level of students, are constrained by quota fees, and there are some students who do not have cellphones , but students use cellphones , students are also less monitored from teachers and parents who busy trading, farm laborers, and other professions. In addition to teachers, students experience difficulties in using (understanding) the video ecosystem, namely when students watch videos that they do not understand or are clear, students have difficulty or lack of response between students and teachers.

Students' responses when the teacher delivered ecosystem materials using video responses, students felt happy, but students said they were more happy with face-to-face learning because if there was material they did not understand, they could be asked directly with the teacher. This is the lack of interaction between teachers and students. In addition, video is a tool for teachers to convey learning messages or information to students.

In the condition of the COVID-19 teachers have difficulty delivering learning materials, including ecosystem materials studied by class V students. The teacher initiates online learning using video. Videos make it easier for teachers to convey information on ecosystem materials and videos are said to be a learning tool during the COVID-19. Teachers use ecosystem videos as a learning tool, namely videos to facilitate or make it easier for teachers to streamline the learning process. In addition, the teacher took the initiative to use ecosystem videos to add variety so that the learning process in the Covid-19 did not bore students, the video has a nature that can be played at any time. This means that videos make it easier for teachers to facilitate or simplify the learning process, because videos have properties that can be replayed by students, video media does streamline the learning process during current conditions, and videos make it easier for students to understand ecosystem material.

### **The use of video material on ecosystems is important for students during the COVID-19 in elementary schools,**

SD Negeri Pebatan 03 is an elementary school that has experienced the impact of the COVID-19. This school since the Covid-19 replaced learning using online learning condition the Covid-19 teachers use cellphones to learn, besides that teachers use video media to deliver ecosystem materials. Students are assigned from the teacher to watch ecosystem videos, the teacher will share youtube link via the WhatsApp in the class group. Students who are interested in the material presented via video.

Videos attract students' attention to the material because the videos attract students' attention such as moving images or animations and language that is easy for students to understand. While the explanation from Mr. Kanapi, the fifth grade teacher, the video attracted the attention of students, the teacher has also been looking for video sources whose language is concise and clear enough for students to understand, depending on the students who are diligent in watching the ecosystem videos will be more diligent in answering questions from the teacher. In addition to attracting attention, the video is enough to direct the concentration of students. Video can provide a new experience for students. Students who always want to know with curiosity, videos provide new experiences for students. Students who are thirsty for curiosity, videos provide new experiences or students gain new knowledge, and it all depends on students who are really diligent in watching ecosystem videos, understanding every material described in the video will definitely get new insights.

### **The meaning of ecosystem material videos for students**

Humans who act on something based on meaning, meaning that teachers are humans who act important or have an important role in the Covid-19, so that students are always enthusiastic and active in learning. Teachers as an important role in every learning process, teachers take action based on meaning by encouraging students during the COVID-19 by advising, using cellphones as learning media. And, when there is one student who does not understand the explanation of the ecosystem material through the video, the teacher takes action by sending messages one by one to the contact of the students.

Ecosystem material is material that students learn in class V, because it is included in the material in LKS in semester 1 theme 5. So important is action based on meaning, such as teachers giving students enthusiasm for learning during the covid-19, the importance of teachers understanding students' difficulties in understand ecosystem material, the importance of student knowledge on ecosystem material, and it has become an obligation for students.

### **Discussion**

#### **The use of ecosystem videos during the covid-19 pandemic in elementary schools**

SDN Pebatan 03 is an elementary school affected by the covid-19 pandemic. Learning as a process of activities carried out consciously so that it causes changes in a person's self (Saefuddin & Berdiati, 2014). During the COVID-19 learning uses online learning, due to the Covid-19 teachers deliver learning materials via video, due to the limited availability of school time facilities (tools and resources), teachers

must consider time in determining the learning strategies that will be applied (Anitah, 2007). The use of ecosystem videos during the covid-19 in elementary schools was carried out well and the ecosystem videos studied by class V students.

Video is said to be a learning tool aimed at streamlining the learning process during the covid-19. The current condition for interaction between teachers and students is difficult, socializing or gathering is prohibited, with social restrictions. To reduce the boredom of students studying at home, the teacher applies PTM (Face-to-Face Learning) by dividing into 2 sessions or has been scheduled, but over time PTM does not run conducive. The use of ecosystem videos is also constrained by students who do not have cellphones, there are students who have cellphones but belong to their parents, or older siblings. Online learning learning is only one-way. Other than the difficulties experienced by teachers, students also experience problems in using ecosystem videos. The use of teacher ecosystem videos is difficult to measure the ability level of students, constraints with quota fees, and there are some students who do not have cellphones, learning students are not monitored by teachers and parents. There are some students whose parents are busy at work, and it is difficult to contact the teacher.

The use of video as a teacher's tool for teaching media and provides an important role in the learning process (Yudianto, 2017). Ecosystem videos include tools for teachers to make it easier to convey learning and videos as learning tools during the covid-19. Ecosystem video as a learning tool, which makes it easier for teachers to streamline the learning process and add variety so that the learning process in the Covid-19 not bore students. The teacher revealed that video was a teacher's tool to make it easier to convey material, and using video during the COVID-19 more effective. Teachers are aware that videos have an important role, without the help of videos the learning process in the Covid-19 will be difficult for students to understand, so teachers use ecosystem videos as a learning tool during the COVID-19. Learning facilities are tools that consider the learning process carried out by students so that it causes changes in a person.

According to Herbert Blumer's theory, social thought influences the social theory. One thought that might influence social theory is rationalism. Rationalism is explained rationally, factually proven, so that the actions taken by humans must be factual. Through this approach, researchers can conclude that the use of ecosystem videos during the COVID-19 is limited (sphere of social reality). Teachers (who are autonomous actors) are human beings who carry out social actions, namely autonomous actors, teachers act as motivators for the teaching and learning process, act as facilitators who try to create effective learning conditions. Therefore, teachers supporting the implementation of the learning process need facilities.

Video ecosystem is said to be a learning tool that aims to streamline the learning process during a pandemic, the teacher takes action based on assumptions about something that is absolute or cannot be changed (Assumptions about individuals and society), teachers find it difficult to measure the level of students' abilities (types of social reality) which means that the teacher's actions are the result of interpretation of roles, ideas, and objects, besides the use of student ecosystem videos is constrained by quota fees and there are some students who do not have cellphones their own

(influence of thought and theory) which means explanations of ecosystem videos can factually proven, so that every teacher taking action must be factual. As for students who are far from the monitoring of parents who are busy working (the social context behind).

### **The use of ecosystem videos is important for students during the covid-19 in elementary schools**

The importance of ecosystem videos is important for students during the covid-19 in elementary schools who are experiencing the impact of the covid-19 teachers use cellphones to learn from home. The teacher shares the youtube link via whatsapp. The use of ecosystem videos is important for students because the language videos are concise enough to make it easier for students to understand the material, so the teacher must create creative videos in providing the learning process so that students are interesting. The purpose of creating an interesting learning process is so that students in the learning process are not easily bored, bored because studying in a forced state, students find it difficult to concentrate, especially with the Covid-19. With the teacher creating an interesting learning process atmosphere, students will grow a sense of enthusiasm for learning.

Ecosystem videos can attract the attention of students to seek new information or insights, because videos are moving images that are more attractive to students and videos are more effective than other media. Which means that the role of video in learning enters students more quickly, because the viewing makes students focus, so that it can affect students' thoughts and emotions.



**Figure 1. Video Ecosystem**

Ecosystem videos can attract attention and direct the concentration of students, the use of videos can provide new experiences, namely gaining new knowledge for students. If it can help students hone the emotional development of students to find out ecosystem material, and provide experiences to students visually. Ecosystem videos provide new experiences, namely new knowledge of students who initially did not know ecosystem material by watching ecosystem videos, students gained new knowledge. The use of ecosystem videos can attract students' attention to ecosystem

materials. The video ecosystem directs concentration, depending on students who pay attention to the video seriously or not and the importance of the teacher to assess the ability of students through question and answer sessions in class groups, paying attention to students who are concentrating and those who are not, the purpose of the previous explanation, the teacher monitoring students who are not. diligently watching the video will be able to answer questions from the teacher.



**Figure 2. Students with the use of ecosystem videos**

Students who are using mobile phones to watch ecosystem videos. Videos can attract attention for any brief period of other stimuli (Arief, 2009). Learners by watching ecosystem videos will concentrate without any outside interference. Ecosystem videos that attract the attention of students because of animation and teachers look for videos whose language is concise enough for students to understand. Watching ecosystem videos, students can gain new knowledge of what they have learned, videos have properties that can be replayed by students at any time to be studied.

According to Herbert Blumer's theory, the use of ecosystem videos can direct concentration and attract students depending on the seriousness of the students (self) paying attention to the ecosystem videos, it can be concluded that the teacher (actor) summarizes the ecosystem video in interesting language. ecosystem so that human action is a result of interpretation of roles, ideas, and objects (types of social reality), besides that the teacher monitors the concentration of students through question and answer sessions, so that asking questions that teachers do to students tends to ask questions about intentional (good society) in fact has meaning obtained from social interaction (the social context behind it).

### **The meaning of ecosystem videos for students**

The meaning of ecosystem videos during the covid-19, teachers are humans who act or have an important role in the conditions of the covid-19, so that students are always eager to learn. Teachers who act as motivators for the learning process, act as facilitators who try to create effective teaching and learning conditions, always encourage students through motivation. Teachers always encourage students through advice. Take advantage of gifts from parents, for example, mobile phones as learning

media. In addition to encouraging the teacher to provide action based on meaning when there are students who do not understand the video explanation.

The meaning of the ecosystem video for students in elementary school, the teacher helps explain that when there are participants who are difficult, the teacher helps answer those who ask via Whatsapp, so that it is clearer for students who visit the teacher's house to submit assignments and the teacher provides an explanation of the material. do not understand students. The meaning of ecosystem videos for students, teachers have an important role to act on the basis of meaning, so that students are always eager to study hard through the motivation of teachers and teachers who always pay attention when there are students who have difficulty understanding the explanation of the ecosystem video, the teacher will provide an explanation directly when they are studying. PTM or are submitting assignments.

Face-to-face learning, teachers who act as motivators for the learning process during the COVID-19 act as facilitators who try to create effective learning conditions and always provide encouragement through interaction with students. During PTM, the teacher helps explain when there are students who have difficulty understanding the material in the ecosystem video.



**Figure 3. Face-to-face Learning**

According to Herbert Blumer's theory, humans act on something based on meaning, and that meaning is obtained from social interactionism carried out with others so that meaning is perfected by ongoing social interactionism. Society is an actor who acts. Through this approach, researchers can conclude that the meaning of ecosystem videos can help students (self) be more enthusiastic about learning during the covid-19, teachers (actors) who act on something based on meaning, teachers play an important role as motivators, act as facilitators trying to provide information. the spirit of learning to students through advice or through motivation so that every action taken by humans has meaning obtained from social interaction (questions asked) and increases the ability of students to master the goals of educators to be achieved, due to the covid-19 limited there should be no crowds (sphere of social reality) the teacher gives the enthusiasm of the participants directly or indirectly.

### **The Study of Symbolic Interactionism**

Herbert Blumer's theory which was influenced by Mead regarding social interactionism, Blumer draws the conclusion that humans act on something based on meaning, and that meaning is obtained from social interactionism carried out with other people so that meaning is perfected by ongoing social interactionism. The teacher (actor) is the one who acts (Derung, 2017). Actions taken by students (individuals) are not only for themselves but are social actions.

Teachers who play an important role in the learning process, the teacher should create a good and interesting learning atmosphere so that students in the learning process are not easily bored, bored because studying in a forced state, students find it difficult to understand the material presented. During the COVID-19 pandemic, it is difficult for teachers to interact with students, because socializing or gathering is prohibited. So the teacher uses ecosystem videos as a tool to make it easier to convey information on ecosystem materials, ecosystem materials that are important for fifth grade students to learn because they are included in the material in the LKS.

The role of the video ecosystem in the learning process goes into the students more quickly because the video shows that attract students to be the focus so that it can affect the thoughts and emotions of students. Ecosystem videos are said to be a learning tool because of the limited availability of school time due to the COVID-19, and ecosystem videos as a learning tool have the meaning of making it easier for teachers to streamline the learning process, adding variety so that the learning process is not boring. Although teachers find it difficult to measure the ability of students due to limitations, teachers still monitor the progress of students.

The conclusion from the results of the research above, that the use of ecosystem videos as a learning tool during the covid-19 has meaning for students, teachers (actors) who take every action that must be factual, indirectly the teacher provides enthusiasm for learning through factual advice. and has meaning derived from social interactions (questions asked) between teachers and students. With limited conditions due to the COVID-19 pandemic (sphere of social reality) the results of the study are not generally applicable but apply in a limited scope, teachers provide enthusiasm for learning and the importance of teachers understanding the difficulties of students in understanding ecosystem material.

### **4. Conclusion**

Based on the results and research and discussion of the use of ecosystem videos as a learning tool during the covid-19 in elementary schools, conclusions were obtained including, The use of ecosystem videos for assistive devices for teachers makes it easier to convey learning and videos as learning tools during the covid-19 and makes it easier for teachers to streamline the learning process and add variety so that the learning process in the Covid-19. The use of ecosystem videos is important, because it can attract the attention of students to seek new information or insights, because videos are moving images that are more interesting to students and videos are said to be more effective than other media. The meaning of the video ecosystem for students in elementary school, the teacher (actor) is a human being who plays an important role in always giving the spirit of learning to students.

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