Analysis of Learning Outcomes through Learning In Volleyball Material Network for Fourth Grade Elementary School

M. Syafri, Ade Evriansyah Lubis
Sekolah Tinggi Olahraga dan Kesehatan Bina Guna, Street Alumunium Raya, Medan, Indonesia
Email: syafri45@gmail.com

Abstract
This study aims to determine the concept of learning outcomes through learning in volleyball material networks for fourth grade students at SD Negeri 053996 Babalan during the Covid-19 Pandemic. The implementation of the research was carried out through learning in the volleyball material network with the bottom passing technique with the results of measuring audio visual (video) assignments during the Covid-19 pandemic. The material presented by the teacher was carried out through video conference and whatsapp groups by providing explanations and audio-visual demonstrations of volleyball material. Volleyball material is given to fourth grade elementary school students contained in student textbooks so that learning outcomes must be achieved in the COVID-19 pandemic situation. This study uses qualitative methods aimed at describing, summarizing various conditions, various situations, or various phenomena of social reality. This study focuses on obtaining activities that reflect the achievement of volleyball learning outcomes through online learning. The data obtained were in the form of monitoring and study of learning activities during the COVID-19 pandemic for fourth grade students of SD Negeri 053996 Babalan. The results of data analysis obtained on volleyball material, namely students have learning outcomes in psychomotor aspects of performance with a total of 21 students (95.5%) achieving "complete" learning outcomes status, and 1 student (4.5%) having learning outcomes "unfinished." The implementation of online learning for class IV volleyball students shows that students can still follow the lesson well so that they can achieve classical graduation above 75%. The conclusion in this study is the online learning process in this case shows that the stages applied by the teacher can provide an effective learning process during the covid-19 pandemic to provide learning materials and assessments with media that can be operated by students. The application of learning in the network with a short time can help the effectiveness of learning other subjects so that a series of learning plans set by the school can be realized properly. It is recommended that the application of learning during the COVID-19 pandemic which is carried out with an online learning system is carried out according to the needs and circumstances of the student's situation, and an analytical study is also needed as a benchmark for learning achievement in PJOK in a systematic manner.

Keywords: Analysis, Volleyball, Online

Introduction
Education is the most important role in advancing the survival of a nation. For this reason, a developed nation will have high quality human resources. Through education, the quality of human resources can be improved in the hope of being able to compete in the millenial era as it is today. Ability and skills in various fields, having broad insight, being productive and able to face challenges in the future are quality human resources. Education is a conscious effort made to develop oneself and obtain a change in behavior as a provision in carrying out daily life. Based on the Law of the Republic of Indonesia No. 20 of 2003 concerning the National Education System stipulates that "the purpose of education is to develop the potential of students to become human beings who believe in God Almighty, have noble character, are healthy, knowledgeable, capable, creative, independent and become democratic and responsible citizens Ermalinda, D., Usman, K., & Sari, L. P. (2022), Fahmi, N. A., Sari, I. E. P., & Keliat, P. (2022), Ginting, A., & Sari, D. M. (2021).
Referring to Permendikbud number 160 of 2014 there are two The curriculum applied in Indonesia is the 2006 curriculum and 2013 curriculum. It is further explained that the basic education unit and Middle school students can apply the 2006 curriculum to a maximum of 2019/2020. While the primary and secondary units that have implemented the 2013 curriculum for three semesters it is recommended to continue to use the 2013 Curriculum has the characteristics of using a scientific approach and a -based approach science with five stages, namely observing, asking, collecting information, and associate and inform. In addition, subjects integrated into themes that allow the delivery of material holistic and comprehensive learning. Subjects in the curriculum 2013 for the basic education level, covering basic subjects education of religion and character, PPkn, Indonesian language, social studies, science, SBdP, and PJOK.

The impact of the policy is addressed by all schools in Indonesia which has the characteristics of the red zone area. The red zone area is areas or areas that have a high level of distribution through data test detection and health unit reports to patients who come. Amount the spread of infection in the red zone is an increase in the cycle of transmission significant, and in every hallway (RT/neighborhood) the spread is detected. Learning from home or done Online (online) happens in Babalan District, Langkat Regency, one of which is Elementary School Negeri 053996. The learning process that occurs is doing learning through whatsapp group (WAG) which is communication that is established through the media social media that brings together students and teachers. The learning process through WAG coordinated by the Subject Teacher by providing materials, materials discussion, and evaluation.

The online learning process in addition to using WAG can also done with the technical use of applications in the network or media other supporters. The online learning process applied by State Elementary Schools 053996 as a whole is using WAG, one of which is Eyes Physical Education, Sports and Health (PJOK) lessons as subjects lessons that have different competency mix processes, namely patterns of application-based learning motion or motor.

The learning process of PJOK at SD Negeri 053994 Babalan is known that there are obstacles to the achievement of learning competencies, especially in the material fourth grade student volleyball. Based on initial data related to the learning process applied, it is known that the achievement of learning competencies during the COVID-19 pandemic 19 is very difficult to achieve due to the limitations of communication interactions. The problem that arises is the timeliness of learning that is not implemented, uncoordinated learning monitoring, difficult material delivery accepted by students because there is no direct communication, and an ineffective learning evaluation process because it has an impact on seriousness students in providing answers.

Obtaining these data is the basis for the need for analysis learning that leads to efforts to achieve learning outcomes through the system study online. Analysis of learning outcomes in the network is carried out on the material big ball, namely volleyball grade 4 students on the basis that volleyball is a the main part in the PJOK material and familiar with the concept of good motion character for both male and female students. Technical implementation technique movement is also adequate, this is indicated by the teacher's apperception in the beginning learning. The application in class IV is based on the beginning of the formation of learning independently online by students which is the initial part of the high class and is the initial process for parents to limit monitoring to create student independence. In accordance with the formulation of the problem above, the objectives of this study are to find out "To know the concept of learning outcomes through learning in volleyball material networks for fourth grade elementary school students 053996 Babalan During the Covid-19 Pandemic.

Methods

The research design applied is a qualitative descriptive design aims to describe, summarize various conditions, various situations, or various phenomena of social reality that exist in society become the object of research, and try to draw that conclusion to the surface as a feature, character, model, sign, or description of a condition, situation, as well as certain phenomena (Bungin & M. Burhan, 2007). This is in line with proposed (Manalu, M. D. G., & Usman, K. (2021), Putra, E.
P. (2021) defines qualitative methodology as: research procedures that produce descriptive data in the form of written words or verbal from people and observed behavior. The case study approach is to focus on a unit of various phenomena regarding ballet extracurricular management Baruklinting and focused attention on the study of human action as a the main research instrument (Mulyono, 2008). Researchers should be able to give precise questions, master the problem under study, determine the units of analysis in advance clearly, able to be neutral and objective, is the criteria for interpreting the findings (Bungin, 2007:232).

This study uses a qualitative descriptive method with case study approach, with reasons (1) assuming that the problem will be investigated more precisely using a qualitative descriptive method with case study approach, (2) with this research method data can be collected of all components that support the achievement of learning outcomes for the ball material volleyball for fourth graders at State Elementary School 053996 Babalan during the Covid-19 Pandemic. The data obtained are in the form of monitoring and study activities learning during the covid-19 pandemic for fourth grade students of SD Negeri 053996 Babalan, then the data is described to answer the problem formulation, namely “How to analyze the achievement of learning outcomes through online learning volleyball material for fourth grade students of SD Negeri 053996 Babalan Pada Masa Covid-19 pandemic?”

Result and Discussion

Result
The learning process at SD Negeri 053996 Babalan has implemented online learning since the regulations were set in the 2020/2021 Academic Year. Online learning that is applied through the use of whatsapp groups as a learning media application and communication between teachers and students. This application is implemented because it can be operated easily by students and teachers and is very helpful in conducting active interactions in the learning process and controlling the achievement of learning competencies. This research was conducted using a qualitative technique, namely detecting student learning outcomes for volleyball material for class IV SD Negeri 053996 Babalan in the covid-19 pandemic situation. The qualitative method applied is the case study approach used to maintain the integrity of the object, meaning that the data collected in the case study is studied as an integrated whole, because the focus of the research is only directed at the implementation of online learning PJOK volleyball material for fourth grade students. SD Negeri 053996 Babalan During the Covid-19 Pandemic.

The research was carried out in 2 meetings, namely on June 7 and June 12, 2021 according to the arrangement of student learning materials. Implementation learning is done with an explanation at the beginning of the meeting, then the teacher giving online assignments in the form of sending videos of the implementation of volleyball materials, namely: bottom pass material. This is a learning technique established by schools in the COVID-19 pandemic situation and conditions to carry out learning online or not doing the face-to-face learning process but still prioritize student learning competencies. Research activities on the analysis of learning outcomes carried out through online learning system for volleyball passing material. The application of volleyball material is by giving audio-visual (video) assignments, through the class whatsapp group (WAG). The data obtained on students include: the results of the assignments given to students are then observed in depth by the teacher who in this case is a researcher. The application of volleyball material is to provide an oral explanation and provide an example of a video of the implementation of the motion carried out on the first day meeting Hulu, A., & Raharjo, F. M. (2020) Izra’i, M., & Sari, D. M. (2022) Karo, S. B., & Sari, D. M. (2021). The note that the teacher gives to students is, students must provide practical examples of technical implementation of volleyball underhand passing and record it in video format and then send to whatsapp group.

Discussion
This research produces a CD product in the form of technical video tutorial media This martial arts defense for early childhood has a duration of 7.55 minutes, a capacity of 1.15 GB.
This video tutorial covers the basic technique of blocking, including defense Gedang, Age uke, Ude uke, Uchi Uke and Shuto Uke taken from training basic techniques of karate parry for early childhood. This product can be used as a source of exercise for children at an early age, especially the age group 6-12 years, remembering basic technical training defense for an early age is very good and effectively trained in the age group 6-12 years old. This age group is the age to learn basic parrying techniques. This age is the easiest to learn and absorb new blocking techniques, through videos tutorial on basic techniques of parry for an early age, along with development technology. Technological advances will support the effectiveness and efficiency of every activities carried out, including the process in training. This will make it easier for students to practice independently, through the help of media other electronics that are already widely used, such as DVD players, computers, laptops, and smartphones with sufficient memory.

**Conclusion**

This research has produced the product "Basic Engineering Video Tutorial" Defensive Martial Arts for Early Ages”. Product feasibility assessment prepared validated by material experts and media experts through two stages. After being considered worthy to be tested, video tutorial product of basic defense techniques for ages This early stage received an assessment from students through several trials. In the first stage of validation, material experts and media experts provide assessment with the "Eligible" criteria. In the second stage of validation, material experts and experts the media gave an assessment with the criteria of "Eligible". On product appraisal in small group trials and field trials are included in the criteria "Worthy". Overall, the product quality rating “Technical Video Tutorials This Basic Defensive Martial Arts for Early Ages” is “Worth”. Thus it can be concluded that this research has produced a "Video Tutorial" Basic Defensive Martial Techniques for Early Ages" with "Eligible" criteria for used.

**References**


