

## **Effort Increase Results Study Service Lower on Volleyball Game through Approach Learning Collaboration**

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### **Abstract**

The purpose of this study was to determine the improvement in learning outcomes of the underhand serve technique in volleyball games through a collaborative learning approach to fifth grade students in the even semester of the 2022/2023 academic year. The research method used was PTK (classroom action research). The research location was SDS Trisula Perwari. 1, Central Jakarta, the research lasted 3 months and the number of samples was 22 students. The data analysis techniques used in this study were qualitative and quantitative. The research results show that through a collaborative learning approach, the research results of the learning process run effectively, this is indicated by the involvement of students in participating in teaching and learning activities as well as students' abilities in performing the underhand technique through a collaborative learning approach obtained an increase. based on the results of cycle I carried out from 22 students only 14 students achieved KKM scores with a percentage of 63.63%, this learning result increased in cycle II that is, 20 students achieved the KKM score with a percentage of 90.90%. This study concluded that learning to serve under volleyball through a collaborative learning approach.

Keywords: Collaboration, Learning outcomes, Underservice.

## **1 INTRODUCTION**

Physical education is a process of human development that lasts a lifetime, the role of physical education is very important, which provides opportunities for students to be directly involved in various learning experiences through physical activities, playing and sports which are carried out systematically. With physical education students will get various expressions that are closely related to pleasant personal impressions as well as creative, innovative, skilled expressions, have physical fitness, healthy living habits and have knowledge and understanding of human movement

Physical education is one of the subjects in schools, especially at the elementary level, which acts as a medium for driving the development of motor skills, physical fitness, knowledge, sportsmanship, healthy lifestyles, and character building. Physical education can be interpreted as an educational process through physical activity that is designed with the aim of increasing the development of all domains, both physical, intelligence and attitude in each student.

In the reality of human life, health is the most basic element to support a healthy and fit body structure, therefore a new breakthrough in the world of sports is urgently needed, exercise as a support for a healthy immune system for humans, exercise is an asset that if done repeatedly. Repeat can improve the quality of human resources in the country of Indonesia. Sport as an investment vehicle must be carried out based on patience and sincerity.

Sport is a science that has long been used in the world of education, in order to introduce sports to students from all walks of life, from elementary school to university. Sports education is education that is carried out as part of the educational process in order to develop and foster the physical and spiritual potentials of a person as an individual or a member of society in the form of games and competitions/competitions.

## 2 RESEARCH METHODS

Classroom action research comes from the English term classroom action research, which means research conducted in a class to find out the effects of actions applied to a research subject in that class. The first class action research was introduced by the American social psychologist Kurt Lewin in 1946, which was further developed by Stephen Kemmis, Robin Mc Taggart.

## 3 RESULTS AND DISCUSSION

This class action research process was carried out at Trisula Perwari 1 Elementary School. Research with collaborators made observations of the PJOK learning process in an effort to improve the learning outcomes of the underhand service in volleyball games through a collaborative learning approach of students which was carried out in 2 cycles.

### 3.1 Result

The initial conditions of the fifth grade students at Trisula Perwari Elementary School 1. From the results of my observations on March 1, 2023, the assessment results showed that the ability to serve underhand was still very low. Even the number of students/students who have completed the KKM score does not reach 50% of the total number of students.

#### 3.1.1 Results precycle

Based on the bar chart and Table 4 above, it shows that there are 8 students who have achieved KKM scores with scores above 78 while 14 students have not reached KKM with grades below 78. The highest scores in this pre-cycle by students were 84 and the lowest score is 52 and the percentage of students passing reaches 36.36%

#### 3.1.2 Results cycle I

Based on the bar chart and table 4 above, it shows that there are 14 students who have achieved the KKM score with a score above 78 while 8 students have not reached the KKM with a score below 78. The highest score obtained in this first cycle by students is 90 and the lowest score in cycle I was 69 and the percentage of passing class V students in cycle I reached 63.63%. The data above shows that the percentage of completeness has not reached the success indicators that have been determined according to the school's KKM score standard, which is more than 75% of the number of students, for this it is necessary to continue in the next cycle.

#### 3.1.3 Results cycle II

Based on the data on the bar chart and Table 5, shows that has happen enhancement results Study service under volleyball participant educate. This showed on presentation completeness mark student as much as 90.90% enhancement This proven through increase results significant learning between cycle First And cycle second . On cycle First results presentation completeness ie 63.63% meanwhile on cycle second the yield is 90.90%. Table he bag Also show that as many as 20 students has reach mark above KKM (78) who have not reach mark completeness. As for acquisition mark highest by student ie 100 and mark lowest 70. Data on table on show that completeness mark participant

educate Already reach number above 75%. With thus , cycles research can discontinued Because Already reach indicator results learning completeness Already reach indicator success that has determined in accordance standard school's KKM score that is more of 75% of amount participant educate , then For That cycle can discontinued.

### 3.2 Discussion

Based on the results (see Table 1 and Figure 1), it can be interpreted that the process in the learning approach through collaboration is very influential in the child's learning process, especially in fifth grade students SDS Trisula Perwari 1. % with an average score of 68.22 and these results are students who have scores above the KKM as many as 8 students and students who have not graduated are 14 students. After conducting a study, the learning outcomes of fifth grade students at SD Trisula Perwari 1 increased in cycle I namely 63.63% with an average score of 72.40 and from these results there were 14 students who had fulfilled the KKM scores and 8 students who did not pass.

Table 1. Results of Precycle, Cycle I, and Cycle II

Evaluation Results	Precycle	Cycle I	Cycle II
Mark Highest	84	90	100
Mark Lowest	52	69	70
Average	68.22	72.40	91.09
Amount Participant educate complete	8	14	20
Amount Participant educate Not Completed	14	8	2
Percentage Completeness	36.36 %	63.63 %	90.90 %

While the learning outcomes of students in cycle II were 90.90% and these results were students who had fulfilled the school's KKM scores of 20 children out of 2. This stated that the results of the increase that occurred in cycle I and cycle II were 27.27%.

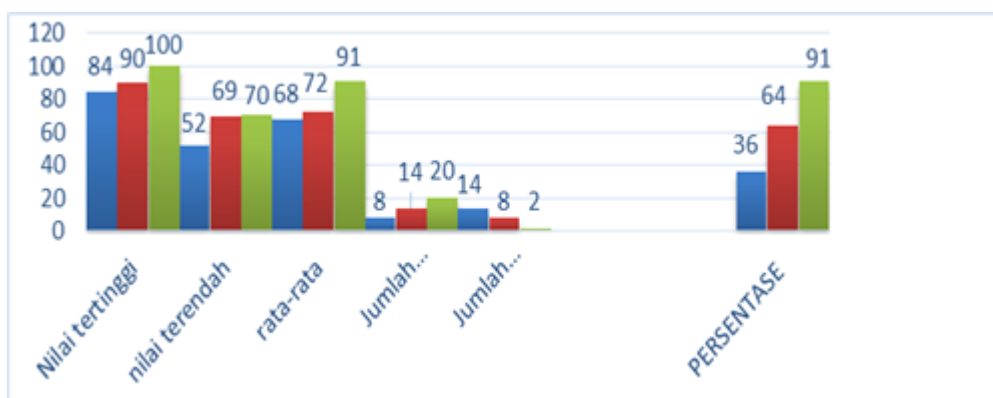


Figure 1. Result of Precycle, Cycle I, and Cycle II

## 4 CONCLUSION

Based on the results of the action research that has been carried out, it can be concluded that using a collaborative learning approach can improve the learning outcomes of volleyball underhand serve in class V students during the two-cycle action at Trisula Perwari 1 Elementary School, so that results achieve KKM scores. The improvement in the learning outcomes of fifth grade students at SD Trisula Perwari 1 can be seen from the results of the actions during cycle I and cycle II. The results of this study obtained that the mastery of learning outcomes based on KKM, in the first cycle students who completed reached 63.63% and an average value of 72.40 then increased in cycle II, students who completed reached 90.90% nilai with an average score of - class average reached 91.09

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