

The Efforts to Improve Game Performance through Equipment's Modification Implementation in the Small-Ball Games

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Abstract: This research background is the low aspect of game performance in students' softball game, the equipments used seem difficult, because they don't fit to the characteristics of Burujul Kulon 1 Elementary State School Jatiwangi, Majalengka district students. The aim of this research is to improve the game performance in small-ball games. The method used in this research is Class Action Research (CAR) with Games Performance Assessment Instruments (GPAI) used for the instrument, the subject of the research is 20 fifth-grade students, consists of 10 boys and 10 girl. This research is conducted at Burujul Kulon 1 Elementary State School Jatiwangi, Majalengka district. The research data are collected by using game performance assessment observation sheet, field notes, and research documentation. This research results show that the equipment's modification implementation in small-ball games is able to give positive benefit to teaching and learning process for the students by the improvement from the cycle I until cycle II. The processed and analyzed data shows that the implementation of the equipment's modification can improve the fifth-grade students of Burujul Kulon 1 Elementary School Jatiwangi, Majalengka district game performance in small-ball games study.

1 INTRODUCTION

Modifying studying equipments can improve the students' performance in physical education (McBrearty, 1998). This is where the role of physical education teacher in giving a fun learning is essential (Bailey et al., 2009). One of them is by modifying studying equipments so the students are able to understand the softball game in physical education (Mitchell et al., 2000). To know the study results in the softball game, it can be seen from the teachers' field notes or from the direct observation in the researched field or school (Sarwono, 2006).

According to the obsevation result of the fifth-grade students of Burujul Kulon 1 Elementary State School Majalengka as research subject related to the efforts to improve the game performance of Burujul Elementary State School Majalengka students that consists of class 1-6. Physical education, sport and health subjects are already given starting from first grade until sixth grade. The purpose of physical education is to give the chance for the students to study various activities that nurture and develop student's potential physucally, socially, emotionally and morally (Rink, 1993).

2 METHODS

The method used in this research is Class Action Research (CAR) that's a practical research intended to improve class study (Hopkins et al., 2002). This research is one of the teachers or pratitioners' efforts in various activities form to improve or increase studying quality in the class.

2.1 Research Subject

The research subject in this CAR is the fifth-grade students of Burujul Kulon 1 Elementary State School Majalengka, with 20 amount of students that consist of 10 boys and 10 girls. The students at this school come from various family background, their parents also have various professions such as traders, employees, teachers, etc.

2.2 Research Instrument

The instrument or equipment used to collect the data in this research is Game Performance Assessment Instrument (GPAI) (Oslin et al., 1998) used to

measure or assess the students' game performance. The game performance mentioned has 3 constructions, they are (1) Making decision, (2) Performing, (3) Supporting.

3 RESULT AND DISCUSSION

The following is the action analysis data result through 2 cycles conducted in class action research implementation in Application of Learning Teams Games Tournament (TGT) Model Type To Improve The Game Performance in Football (Purnamasari, 2013).

Table 1: Analysis Data Result, Throwing, Catching, and Batting Skills Percentage Value Results of Every Cycles.

Activities	The average value results of throwing, catching, and batting skills	Notes
Pre-observation Data		Incompleted
Cycle 1 Step 1		Incompleted
Cycle 1 Step 2		Incompleted
Cycle 2 Step 1		Incompleted
Cycle 2 Step 2		Completed

Based on the research result from the beginning of observation until cycle 2 step 2, it is acknowledged that the throwing, catching, and batting skills with the implementation of equipment's modification in softball game study has improved. As for the research final data results from the data preliminary observation until cycle 2 step 2 can be described in graphic form as follows:

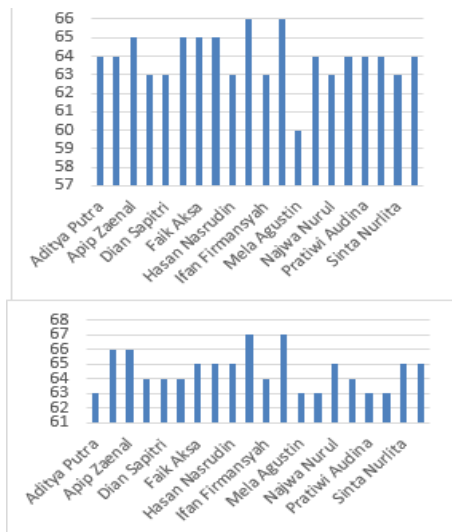


Figure 1: Preliminary Observation Data.

Preliminary Observation Data described on figure 1.

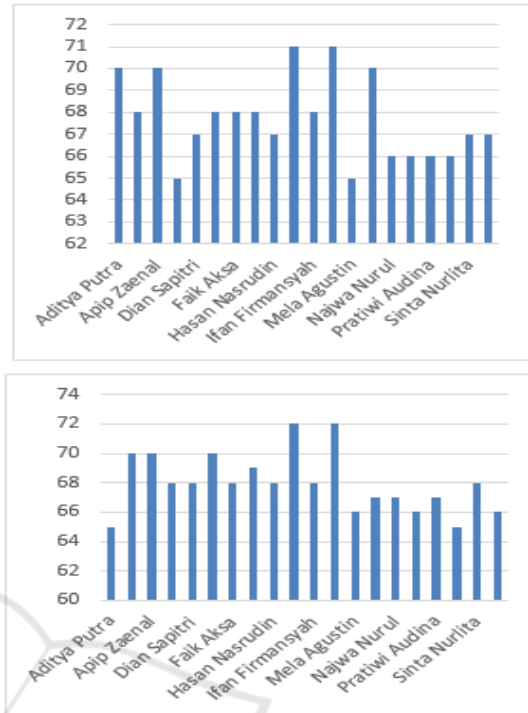


Figure 2: Cycle Step 1.

After step 1 given, the cycle is as described on figure 2.

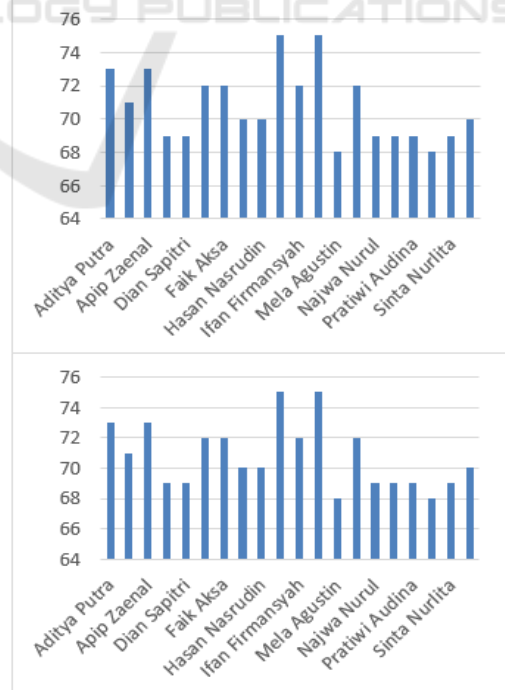


Figure 3: Cycle 1 Step II.

After the step 2 of cycle 1 given, there's change described on figure 3.

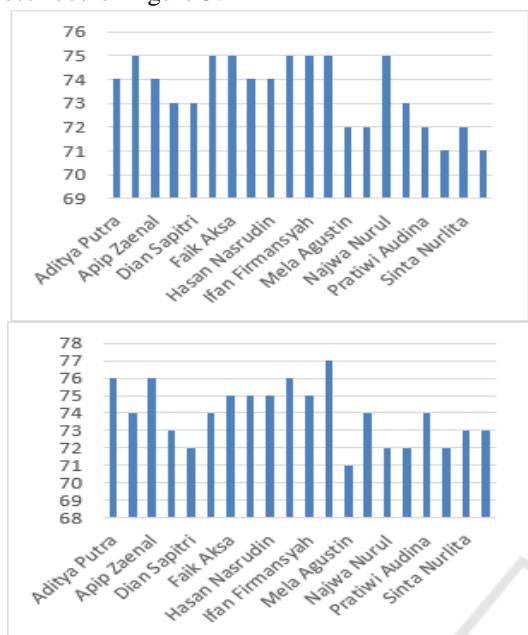


Figure 4: Cycle II Step 1.

After the step 1 of cycle II given, there's a change described on figure 4.

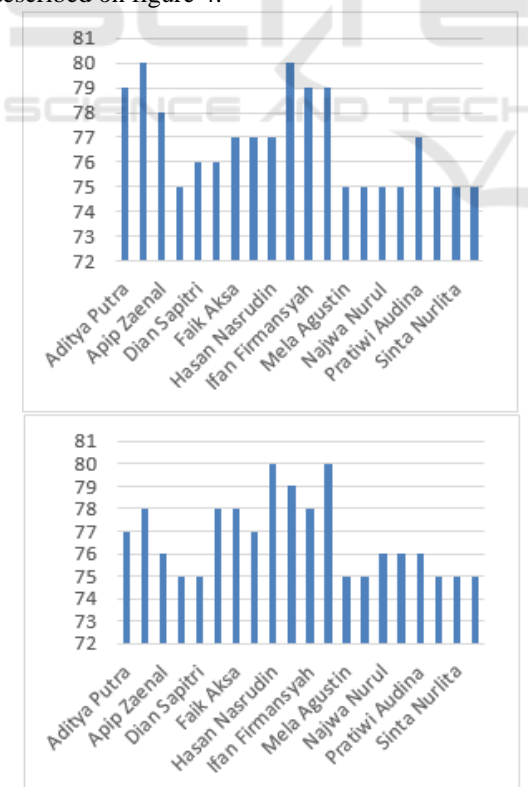


Figure 5: Cycle II Step II.

According to data analysis results above, there are improvements in every cycle starting from pre-observation until step 4 cycle II as described on the graphics above that the improvements form pre-observation until Step 4 is in cycle II.

From the preliminary observation results it is known that the teachers don't provide materials about throwing, catching, and batting that in the form of warming up through the game that consists of those three skills of throwing, catching, and batting. Then during the studying process, teachers don't do it systematically, so a lot of students are unwilling to follow the lesson because the motion tasks in the softball game learning that will be studied are too difficult.

From the class action research implementation there's a fact that providing lessons by modifying studying equipments in softball with games-drill-games by the teachers can improve throwing, catching, and batting the ball skills. Modification is one of the efforts that can be done by the teachers so the studying process goes well. Besides it can improve the students' learning activity compatible to the purposes. The research results show that through the modificatin of the batter and ball can improve the students' study result in batting the ball in softball from the pre-action to the cycle I and cycle I to cycle II. Based on that explanation it can be concluded that modification can be considered as an effort done by a teacher to give different lesson, by paying attention to students' ability in understanding and doing their tasks well , also it can increase, improve, amd encourage the change of ability possessed by the students.

Giving and providing motion tasks challenges should be in games form so the students feel happy and enthusiastic in following the lessons. Through game activities, it so suitable to develop the children's basic movement skill in elementary school, because basically children's world is the world of fun and games. Based on the explanation it can be concluded that by playing, the children's basic movement skills will be well developed. Because basically everyday a child is not separated from playing activities.

4 CONCLUSIONS

The results of the research conducted by the writer from the preliminary observation until Cycle II that have been explained in previous discussion, the writer concludes that the implementation of equipments' modification can improve the game performance of the fifth-grade students of Burujul Kulon 1

Majalengka in softball game, based on analyzed data process of throwing catching and batting skills are improved. This can be seen from how many students that have exceeded the minimum mastery criteria (KKM) achieved in every steps.

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