THE INFLUENCE OF COOPERATIVE LEARNING AND PROBLEM BASED LEARNING MODELS ON BASKETBALL GAME LEARNING IN PE

by Saryono, Nur Rohmah Muktiani, Agus Sumhendartin Suryobroto, Muhammad Sigit Antoni

ABSTRACT

Physical education is an aspect of the overall educational process which is concerned with the development and use of individual movement abilities that are voluntary and useful and are directly related to mental, emotional and social responses. One of the study materials in physical education (penjas) is learning big ball games, one of which is basketball. Based on several research results, there are several obstacles in implementing game learning in physical education, including low enthusiasm, motivation, and students' seriousness in carrying out game learning. Apart from that, the delivery of material that seems monotonous and the limitations of media and teaching models in learning games are obstacles in learning games. Cooperative learning and problem-based learning methods can be used to carry out game learning in physical education. This research aims to determine the effect of cooperative learning and problem-based learning methods applied to learning games in physical education. The type of research used in this research is experimental research. This research is a quasi-experimental research with a pre-test – post-test control group design. The population in this study were students at SMP N 9 Yogyakarta with a research sample of 96 students obtained using a purposive sampling technique taking into account the class that was implementing the physical education game learning material. The research was carried out from March to. August 2023 at SMP N 9 Yogyakarta. The data in this study was obtained by testing mastery of the learning material for the game of basketball in physical education. The questions that will be used for the test in this research are valid and reliable. The data in this research were analyzed using quantitative data analysis through ANOVA statistical analysis. Test this analysis using the SPSS computer program. Before the data was analyzed, normality and homogeneity tests were carried out using Kolmogorov Smirnov analysis and showed that the data in this research were normal and homogeneous. Based on the results of ANOVA analysis (sig < 0.05), there are differences between students who use cooperative learning, problem-based learning, and conventional learning. The further test used in this research is the Post Hoc Test which shows that the average understanding of students with cooperative learning and problem-based learning models is significantly different from students with conventional learning. Based on the research results, it can be concluded that cooperative learning and problem-based learning have a positive effect on learning physical education games, especially basketball game material.

Kata Kunci: *cooperative learning, problem based learning, learning outcome, PE, basketball*