ABSTRACT

Application of Logan Avenue Problem Solving (LAPS-Heuristic) Learning Model on Estimated of Operating Two Fraction to Improve Learning Result for 4Th Grade Student of Kalianget Barat IV Elementary School Kalianget Sub District at Sumenep Region Through the Year of 2019/2020

Keywords: Logan Avenue Problem Solving (LAPS-Heuristic) Learning Model, Study Result

This research is aimed to know about the application of logan avenue problem solving (LAPS-Heuristic) learning model on estimated of operating two fraction subject to improve the learning result of student math score. The subjects of this study are 17 students and who are taken from the fourth grade of Kalianget Barat IV Elementary School.

This research uses classroom action research method, while the procedure is in the term of cycle. Every cycles contain of 4 phases, such as: planning, action, observation and reflection. And in collecting samples, this research used test and observation. During the process of collecting samples, it's used isntrument in the form of observation sheets for teacher and students as long as learning process is running. Beside, in the purpose to know the quality of study result, it's used evaluation or test sheets.

The result of this research shows that students learning result have incrased on estimated of operating two fraction subject. From the classical completeness on pre cycle that reach 41% or about 7 from 17 students were above the KKM, on first cycle reach 53% or about 9 from 17 students were above the KKM, while on second cycle it's also increase to 76% or 13 from 17 students were stand above the KKM, later on third cycle the percentage reach 88% or 15 from 17 students were reaching the KKM. Having connection with that, it's concluded that the application of LAPS-Heuristic learning model was able to increase the study result of Kalianget Barat IV Elementary School's students.