Penerapan *Problem Based Learning* Berorientasi Kearifan Lokal Dengan Seting Daring Untuk Meningkatkan Prestasi Belajar Matematika Siswa Kelas VIII F SMP Negeri 5 Singaraja

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ABSTRAK

Kemampuan pemecahan masalah sangat diperlukan untuk menunjang suatu pendidikan maupun kehidupan sehari-hari. Karena dengan kemampuan masalah yang dimiliki dapat memecahkan suatu permasalahan, namun faktanya kemampuan pemecahan masalah siswa masih rendah. Maka penelitian ini ditujukan untuk meningkatkan prestasi belajar matematika siswa melalui penerapan pembelajaran *problem based learning* berorientasi kearifan lokal dengan setting daring di kelas VIII F SMP Negeri 5 Singaraja Tahun ajaran 2021/2022 sebanyak 34 siswa. Penelitian ini berjenis penelitian tindakan kelas. Instrumen yang dipergunakan berupa tes prestasi belajar matematika siswa berbentuk tes uraian dan non tes berupa angket tanggapan siswa untuk mengidentifikasi respon siswa. Rata-rata skor prestasi belajar matematika di siklus I sebesar 52,8 dengan ketuntasan belajar secara klasikal yaitu 20,6%, lalu di siklus II rata-rata skor prsetasi belajar matematika meningkat menjadi 68,04 dengan ketuntasan belajar secara klasikal yaitu 44,1%, dan pada siklus III rata-rata skor prestasi belajar matematika meningkat menjadi 75,82 dengan ketuntasan belajar secara klasikal yaitu 82,4%. Dari pelaksanaan dengan 3 siklus diperoleh hasil dimana model pembelajaran berorientasi kearifan lokal melalui sistem dalam jaringan dapat meningkatkan prestasi belajar siswa dengan tanggapan positf selama proses penerapan model ini.

Kata kunci : Pembelajaran *problem based learning*, Sistem dalam jaringan, Prestasi belajar matematika siswa

The Implementation of Problem Based Learning Oriented to Local Wisdom with Online Settings to Improve Mathematics Learning Achievement of Class VIII F Students of SMP Negeri 5 Singaraja

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ABSTRACT

Problem solving skills are needed to support education and everyday life. Because the problem solving ability possessed can solve a problem, but in fact the problem solving ability of students is still low. So this study is aimed at improving students' mathematics learning achievement through the application of problem based learning oriented to local wisdom with online settings in class VIII F SMP Negeri 5 Singaraja in the 2021/2022 academic year for 34 students. The study was classroom action research. The instrument was a student's mathematics learning achievement test in the form of a description test and a student response questionnaire in determining student responses. The average of mathematics learning achievement in first cycle was 52.8, with classical learning mastery being 20.6%. In the second cycle, the average increased to 68.04, with classical learning mastery being 44.1%. The average score in the third cycle increased to 75.82, with classical learning completeness at 82.4%. After the three cycles, it was found that the local wisdom-based learning model with the network system improved students' mathematics learning achievement. In addition, students responded positively to the learning process by applying this model. After the three cycles, it showed that the local wisdom-based learning model with the network system improved students' mathematics learning achievement. In additionstudents positively responded the learning process through this model.

Keywords: Problem based learning, Network system, student's mathematics learning achievement