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**PENGARUH MODEL PEMBELAJARAN *PROBLEM BASED LEARNING*
BERBANTUAN PERMAINAN *WORDWALL* TERHADAP KEMAMPUAN
PEMECAHAN MASALAH MATEMATIKA SISWA KELAS V SDN
KARANGREJO**

ABSTRAK

Pembelajaran dengan menggunakan model dan media pembelajaran yang tepat akan menciptakan kondisi kelas yang dinamis yang menuntut siswa untuk terlibat aktif dalam proses pembelajaran sehingga memiliki kemampuan yang diharapkan. Penelitian ini bertujuan untuk menguji pengaruh model pembelajaran *Problem Based Learning* berbantuan permainan *wordwall* terhadap kemampuan pemecahan masalah matematika siswa Kelas V SDN Karangrejo. Pendekatan yang diterapkan yaitu kuantitatif dengan jenis penelitian *quasy eksperiment* dengan teknik *purposive sampling*. Instrumen penelitian disusun berupa tes, observasi, dan dokumentasi. Pengujian hipotesis dilakukan melalui *Independent Sample t-Test* dan regresi linier sederhana berbantuan program SPSS 25. Hasil penelitian menunjukkan bahwa (1) terdapat perbedaan kemampuan pemecahan masalah matematika antara yang diterapkan dan tidak diterapkan model pembelajaran *Problem Based Learning* berbantuan permainan *wordwall* pada siswa Kelas V SDN Karangrejo. Hal ini ditunjukkan melalui hasil pengujian *independen sample t-test* dengan nilai Sig. (2-tailed) sebesar $0,000 < 0,05$; (2) terdapat pengaruh model pembelajaran *Problem Based Learning* berbantuan permainan *wordwall* terhadap kemampuan pemecahan masalah matematika siswa kelas V SDN Karangrejo. Hal ini ditunjukkan melalui hasil pengujian regresi linier sederhana dengan nilai t_{hitung} sebesar 6,504 dengan nilai Sig. sebesar 0,000 (Sig. $< 0,05$). Simpulan dari penelitian ini adalah penerapan model pembelajaran *Problem Based Learning* berbantuan permainan *wordwall* mampu mempengaruhi kemampuan pemecahan masalah matematika secara efektif.

Kata Kunci: model pembelajaran *Problem Based Learning*, permainan *wordwall*, kemampuan pemecahan masalah matematika.

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***THE INFLUENCE OF AN PROBLEM BASED LEARNING MODEL ASSISTED
WITH WORDWALL GAMES ON THE MATHEMATICAL PROBLEM SOLVING
ABILITY OF CLASS 5th STUDENTS AT KARANGREJO PUBLIC PRIMARY
SCHOOL***

ABSTRACT

Learning using appropriate learning models and media will create dynamic classroom conditions that require students to be actively involved in the learning process so that they have the expected abilities. This research aims to test the effect of the Problem Based Learning learning model assisted by the wordwall game on the mathematical problem solving abilities of Class V students at SDN Karangrejo. The approach applied is quantitative with a quasi-experimental type of research using purposive sampling techniques. The research instruments were prepared in the form of tests, observations and documentation. Hypothesis testing was carried out through Independent Sample t-Test and simple linear regression assisted by the SPSS 25 program. The results of the research showed that (1) there were differences in mathematical problem solving abilities between those who applied and did not apply the Problem Based Learning learning model assisted by the wordwall game in Class V SDN students Karangrejo. This is shown through the results of the independent sample t-test with a Sig value. (2-tailed) of $0.000 < 0.05$; (2) there is an influence of the Problem Based Learning learning model assisted by the wordwall game on the mathematical problem solving abilities of fifth grade students at SDN Karangrejo. This is shown through the results of simple linear regression testing with a t value of 6.504 with a Sig value. of 0.000 (Sig. < 0.05). The conclusion of this research is that the application of the Problem Based Learning learning model assisted by the wordwall game is able to influence mathematical problem solving abilities effectively.

Keywords: *problem based learning model, wordwall game, mathematical problem solving abilities.*