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**PENGARUH MODEL PEMBELAJARAN *PROBLEM BASED LEARNING* (PBL)
BERBANTUAN *VIDUMATH* TERHADAP KEMAMPUAN BERPIKIR KRITIS SISWA**

ABSTRAK

Permasalahan dalam penelitian ini adalah kurangnya tingkat kemampuan berpikir kritis siswa. Penelitian ini bertujuan untuk mengetahui Pengaruh Model Pembelajaran *Problem Based Learning* (PBL) Berbantuan *Vidumath* Terhadap Kemampuan Berpikir Kritis Siswa. Jenis penelitian ini adalah penelitian kuantitatif menggunakan metode *eksperimen* dengan jenis *quasi experimental*. Teknik pengambilan sampel pada penelitian ini menggunakan cara *nonprobability sampling* dengan teknik *purposive sampling*. Sampel penelitian ini adalah kelas IIIA dan IIIB SD Hj. Isriati Moenadi Ungaran. Teknik pengumpulan data pada penelitian ini adalah teknik tes (*pre test* dan *post test*) dan non tes (observasi, angket, wawancara tidak terstruktur, dan dokumentasi). Teknik analisis data yaitu dengan uji normalitas, uji homogenitas, uji *independent sampel t test*, dan uji regresi linear sederhana. Hasil penelitian menunjukkan bahwa : (1) Terdapat perbedaan penggunaan model pembelajaran *Problem Based Learning* (PBL) berbantuan *Vidumath* terhadap kemampuan berpikir kritis siswa, hal ini dapat dibuktikan dengan hasil uji *independent sampe t test* dengan nilai signifikansi $0,030 < 0,05$ H_0 di tolak dan H_a diterima; dan (2) Terdapat pengaruh penggunaan model pembelajaran *Problem Based Learning* (PBL) berbantuan *Vidumath* terhadap kemampuan pemahaman konsep siswa, hal ini dapat dibuktikan dengan hasil uji regresi linear dengan nilai signifikansi $0,027 < 0,05$ H_0 di tolak dan H_a diterima. Hasil pada penelitian ini dapat disimpulkan bahwa penggunaan model pembelajaran *Problem Based Learning* (PBL) berbantuan *Vidumath* berpengaruh terhadap kemampuan berpikir kritis siswa kelas III.

Kata Kunci : *Problem Based Learning* (PBL); *Vidumath*; Berpikir Kritis

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**THE EFFECT OF PROBLEM BASED LEARNING (PBL) LEARNING MODEL
ASSISTED BY VIDUMATH ON STUDENTS' CRITICAL THINKING ABILITIES**
ABSTRACT

The problem in this study is the lack of students' critical thinking skills. This study aims to determine the Effect of the Problem Based Learning (PBL) Learning Model Assisted by Vidumath on Students' Critical Thinking Skills. This type of research is quantitative research using an experimental method with a quasi-experimental. The sampling technique in this study used the nonprobability sampling method with a purposive sampling technique. The sample of this study was class IIIA and IIIB of SD Hj. Isriati Moenadi Ungaran. The data collection technique in this study was the test technique (pre-test and post-test) and non-test (observation, questionnaire, unstructured interview, and documentation). The data analysis technique was by normality test, homogeneity test, independent sample t-test, and simple linear regression test. The results of the study showed that: (1) There is a difference in the use of the Problem Based Learning (PBL) learning model assisted by Vidumath on students' critical thinking skills, this can be proven by the results of the independent sample t-test with a significance value of $0.030 < 0.05$ H_0 is rejected and H_a is accepted; and (2) There is an influence of the use of the Problem Based Learning (PBL) learning model assisted by Vidumath on students' conceptual understanding abilities, this can be proven by the results of the linear regression test with a significance value of $0.027 < 0.05$ H_0 is rejected and H_a is accepted. The results of this study can be concluded that the use of the Problem Based Learning (PBL) learning model assisted by Vidumath has an influence on the critical thinking abilities of class III students.

Keywords : *Problem Based Learning (PBL); Vidumath; Critical Thinking*

