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PENGARUH MODEL PEMBELAJARAN *PROBLEM BASED LEARNING* (PBL) BERBANTUAN MEDIA *SMART BOX* KAYA TERHADAP KEMAMPUAN BERPIKIR KRITIS DAN KEAKTIFAN BELAJAR SISWA KELAS V SDN SUSUKAN 01 UNGARAN TIMUR

Tujuan penelitian ini adalah untuk menganalisis pengaruh model pembelajaran *Problem Based Learning* (PBL) berbantuan media *Smart Box* KAYA terhadap kemampuan berpikir kritis dan keaktifan belajar siswa kelas V SDN Susukan 01 Ungaran Timur. Penelitian ini menggunakan metode kuasi eksperimen dengan desain *Nonequivalent Control Group Design*, di mana kelas VB ditetapkan sebagai kelas eksperimen dan kelas VA sebagai kelas kontrol. Kelas eksperimen mendapatkan pembelajaran menggunakan model *Problem Based Learning* (PBL) berbantuan *Smart Box* KAYA, sedangkan kelas kontrol menggunakan model *Problem Based Learning* (PBL) tanpa media tersebut. Data penelitian dikumpulkan melalui tes kemampuan berpikir kritis dan angket keaktifan belajar. Hasil penelitian menunjukkan bahwa terdapat perbedaan signifikan kemampuan berpikir kritis antara kelas eksperimen dan kelas kontrol dengan nilai signifikansi 0,000 < 0,05 serta rata-rata nilai kelas eksperimen sebesar 75,32 yang lebih tinggi dari kelas kontrol sebesar 70,79. Selain itu, model *Problem Based Learning* (PBL) berbantuan *Smart Box* KAYA juga terbukti memberikan pengaruh signifikan terhadap kemampuan berpikir kritis, yang ditunjukkan melalui uji regresi dengan nilai F = 7,929 dan sig. 0,009 < 0,05. Keaktifan belajar siswa pun mengalami peningkatan yang signifikan, dengan rata-rata kelas eksperimen sebesar 83,23 lebih tinggi dibandingkan kelas kontrol sebesar 73,67, serta nilai sig. 0,000 < 0,05. Uji regresi sederhana menunjukkan adanya pengaruh model *Problem Based Learning* (PBL) berbantuan *Smart Box* KAYA terhadap keaktifan belajar dengan nilai sig. 0,003 < 0,05 dan $R^2 = 0,270$. Secara keseluruhan, penelitian ini menyimpulkan bahwa penerapan model *Problem Based Learning* (PBL) berbantuan media *Smart Box* KAYA efektif dalam meningkatkan kemampuan berpikir kritis dan keaktifan belajar siswa sekolah dasar.

Kata Kunci: *Problem Based Learning* (PBL), *Smart Box* KAYA, Kemampuan Berpikir Kritis, Keaktifan Belajar, Pembelajaran IPAS, Pembelajaran Dasar.

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THE EFFECT OF PROBLEM-BASED LEARNING (PBL) MODEL ASSISTED BY SMART BOX KAYA MEDIA ON CRITICAL THINKING SKILLS AND LEARNING ACTIVITY OF FIFTH GRADE STUDENTS AT SDN SUSUKAN 01 UNGARAN TIMUR

The purpose of this study is to analyze the effect of the Problem Based Learning (PBL) model assisted by the Smart Box KAYA media on the critical thinking skills and learning activeness of fifth-grade students at SDN Susukan 01 Ungaran Timur. This research employed a quasi-experimental method with a Nonequivalent Control Group Design, in which class VB served as the experimental group and class VA as the control group. The experimental group received Problem Based Learning (PBL) instruction supported by Smart Box KAYA, while the control group received Problem Based Learning (PBL) without the media. Data were collected through critical thinking tests and learning activeness questionnaires. The results showed a significant difference in students' critical thinking skills between the experimental and control groups, indicated by a significance value of 0.000 < 0.05 and a higher mean score in the experimental class (75.32) compared to the control class (70.79). Furthermore, the Smart Box KAYA–assisted PBL model significantly influenced students' critical thinking skills, as evidenced by the regression test (F = 7.929; sig. 0.009 < 0.05). Students' learning activeness also increased significantly, with an average score of 83.23 in the experimental class, higher than 73.67 in the control class, supported by a significance value of 0.000 < 0.05. Simple regression analysis further confirmed the influence of Smart Box KAYA–assisted PBL on learning activeness with a significance value of 0.003 < 0.05 and $R^2 = 0.270$. Overall, the study concludes that the Problem Based Learning (PBL) model assisted by Smart Box KAYA is effective in improving both students' critical thinking skills and learning activeness.

Keywords: *Problem Based Learning, Smart Box KAYA, Critical Thinking Skills, Learning Activeness, Elementary Education, Science Learning.*