

**THE EFFECT OF *THE PROBLEM BASED LEARNING* (PBL) LEARNING
MODEL ORIENTED TO STUDENTS' LEARNING STYLE ON THE
INTEREST IN LEARNING SCIENCE CLASS IV SD CLUSTER 1 SUB-
DISTRICT RENDANG**

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ABSTRACT

This study aims to determine the significant influence of the *Problem Based Learning* (PBL) learning model oriented to students' learning styles on the learning interest of science science class IV SD Group 1, Rendang District. This type of research is a pseudo-experimental research with *a post-test only control group design*. The population of this study is all class IV of Group I of Rendang District. The research sample was grade IV students at SD Negeri 4 Nongan with a total of 14 students as the experimental group and grade IV students at SD Negeri 5 Nongan with a total of 12 students as the control group. The experimental class applies *a problem-based learning model* oriented to students' learning style to their interest in learning sciences, while the control class uses a conventional model. Learning outcome data was collected using a test method in the form of a questionnaire on the content of IPAS. The data were analyzed using data description and prerequisite tests (t-tests). Based on the calculation of the t-test, the Sig value was obtained. (2-tailed) less than 0.05 ($0.000 < 0.05$), so it can be interpreted that H_0 is rejected and H_1 is accepted. When viewed from the level of significance of 5% and the degree of freedom ($dk = n_1 + n_2 - 2$) obtained ($dk = 24$), so that the $t_{count} = 13,632$ and the t_{table} value = 1,711 are obtained. So, the $> t_{table}$ can be concluded that there is an influence of the *Problem Based Learning* (PBL) learning model oriented to students' learning styles on the learning interest of science science class IV SD Group 1, Rendang District.

Keywords: Problem based learning *model*, Learning Style, Learning Interest in IPAS

**PENGARUH MODEL PEMBELAJARAN *PROBLEM BASED LEARNING*
(PBL) BERORIENTASI GAYA BELAJAR SISWA TERHADAP MINAT
BELAJAR IPAS KELAS IV SD GUGUS 1 KECAMATAN
RENDANG**

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ABSTRAK

Penelitian ini bertujuan untuk mengetahui pengaruh yang signifikan model pembelajaran *Problem Based Learning* (PBL) berorientasi gaya belajar siswa terhadap minat belajar IPAS kelas IV SD Gugus 1 Kecamatan Rendang. Jenis penelitian ini adalah penelitian eksperimen semu dengan rancangan penelitian *post-test only control group design*. Populasi penelitian ini adalah seluruh kelas IV Gugus I Kecamatan Rendang. Sampel penelitian adalah siswa kelas IV di SD Negeri 4 Nongan dengan jumlah siswa 14 orang sebagai kelompok eksperimen dan siswa kelas IV di SD Negeri 5 Nongan dengan jumlah siswa 12 orang sebagai kelompok kontrol. Kelas eksperimen menerapkan model pembelajaran *problem based learning* berorientasi gaya belajar siswa terhadap minat belajar IPAS, sedangkan kelas kontrol menggunakan model konvensional. Data hasil belajar dikumpulkan menggunakan metode tes dengan bentuk kuesioner muatan IPAS. Data dianalisis menggunakan deskripsi data dan uji prasyarat (uji-t). berdasarkan perhitungan uji-t diperoleh nilai sig. (2-tailed) lebih kecil dari 0,05 ($0,000 < 0,05$), sehingga dapat diartikan bahwa H_0 ditolak dan H_1 diterima. Jika dilihat dari taraf signifikansi 5% dan derajat kebebasan ($dk = n_1 + n_2 - 2$) diperoleh ($dk = 24$), sehingga diperoleh $t_{hitung} = 13.632$ dan nilai $t_{tabel} = 1.711$. Jadi, diperoleh $t_{hitung} > t_{tabel}$ dapat disimpulkan terdapat pengaruh model pembelajaran *Problem Based Learning* (PBL) berorientasi gaya belajar siswa terhadap minat belajar IPAS kelas IV SD Gugus 1 Kecamatan Rendang.

Kata Kunci : Model *problem based learning*, Gaya Belajar, Minat Belajar IPAS