ABSTRACT

Ahmad Saleh, 2020. "The Increased of Science Learning Activities and Outcomes with Problem Based Learning Model at Grade Fourt of SDN 11 Aur Kuning Kota Bukittinggi". Thesis. Graduate Program of Universitas Negeri Padang.

This research originated from the teacher's reflection on science learning in elementary school. In the learning process, it was seen that student activity in learning science in grade IV SDN 11 Aur Kuning Kota Bukittinggi was still low. This is evident from the majority of students who are still passive when the science learning process is taking place, students are more likely to sit quietly in place and listen to the teacher who is explaining the material. Likewise, the learning outcomes obtained have not reached the expected Minimum Completion Criteria. This study aims to collect data and information about the activities and learning outcomes of fourth grade students of SDN 11 Aur Kuning Kota Bukittinggi by applying the Problem Based Learning model.

This research uses qualitative and quantitative approaches. This type of research is Classroom Action Research. The subjects of this study were 25 teachers and students of grade fourt SDN 11 Aur Kuning Kota Bukittinggi. This research was conducted in two cycles. The research design includes, (1) planning, (2) implementation, (3) action and observation, and (4) reflection. Data were collected by observing and conducting tests of student learning outcomes. Data analysis was performed using percentage techniques.

The results showed an increase in student learning activities by 24% and an increase in learning outcomes by 15%. Thus, the Problem Based Learning model is proven to be able to increase the activity and learning outcomes of fourth grade students of SDN 11 Aur Kuning, Kota Bukittinggi.

ABSTRAK

Ahmad Saleh. 2020. "Peningkatan Aktivitas dan Hasil Belajar IPA Dengan Model *Problem Based Learning* di Kelas IV SDN 11 Aur Kuning Kota Bukittinggi". **Tesis.** Pascasarjana Universitas Negeri Padang.

Penelitian ini berawal dari refleksi guru tentang pembelajaran IPA di sekolah dasar. Dalam proses pembelajaran terlihat bahwa aktivitas siswa dalam belajar IPA di kelas IV SDN 11 Aur Kuning Kota Bukittinggi masih rendah. Hal ini terbukti dari sebagian besar siswa masih bersikap pasif saat proses pembelajaran IPA berlangsung, siswa lebih banyak duduk diam di tempat dan mendengarkan guru yang sedang menjelaskan materi. Begitu pula dengan hasil belajar yang diperoleh belum mencapai Kriteria Ketuntasan Minimal yang diharapkan. Penelitian ini bertujuan untuk mengumpulkan data dan informasi mengenai aktivitas dan hasil belajar siswa kelas IV SDN 11 Aur Kuning Kota Bukittinggi dengan menerapkan model *Problem Based Learning*.

Penelitian ini menggunakan pendekatan kualitatif dan kuantitatif. Jenis penelitian yaitu Penelitian Tindakan Kelas (PTK). Subjek penelitian ini adalah guru dan siswa kelas IV SDN 11 Aur Kuning Kota Bukittinggi sebanyak 25 orang. Penelitian ini dilaksanakan sebanyak dua siklus. Rancangan penelitian ini meliputi, (1) perencanaan, (2) pelaksanaan, (3) tindakan dan pengamatan, dan (4) refleksi. Data dikumpulkan dengan observasi dan melakukan tes hasil belajar siswa. Analisis data dilakukan dengan teknik persentase.

Hasil penelitian menunjukkan peningkatan aktivitas belajar siswa sebesar 24% dan begitu pula peningkatan hasil belajar sebesar 15%. Dengan demikian, model *Problem Based Learning* terbukti dapat meningkatkan aktivitas dan hasil belajar IPA siswa kelas IV SDN 11 Aur Kuning Kota Bukittinggi.