
APPLICATION OF PROBLEM BASED LEARNING MODEL TO INCREASE ACTIVENESS AND LEARNING OUTCOMES IN JUNIOR HIGH SCHOOL STATISTICS LEARNING

Wahid Wahyudhi^{1,2,*}, Sugiarto Pudjohartono², Agus Margono³, Laila Fitriana⁴

¹SMP N 1 Adimulyo, Kebumen, Jawa Tengah, Indonesia

²Universitas Sanata Dharma, Sleman, Yogyakarta, Indonesia

³SMP N 1 Yogyakarta, Yogyakarta, Yogyakarta, Indonesia

⁴Mathematics Education Department, Universitas Sebelas Maret, Surakarta, Indonesia

* Correspondence purposes, phone/fax: +62 813-3746-4425, email: wahidwahyudhi30@gmail.com

Abstrak: Pembelajaran pada siswa kelas VIII sering mengalami kesulitan untuk mengidentifikasi penyelesaian permasalahan nyata yang terkait dengan statistika seperti mean, median, dan modus. Selain itu siswa juga sering mengalami ketidaktekeltian didalam melakukan perhitungan. Oleh karena itu, penelitian tindakan kelas dilakukan dengan tujuan untuk meningkatkan keaktifan dan hasil belajar melalui penggunaan model pembelajaran problem based learning. Subjek penelitian ini adalah siswa kelas VIII A SMP Negeri 1 Adimulyo yang berjumlah 32 siswa. Data keaktifan dikumpulkan dengan metode observasi, dan data hasil belajar dikumpulkan dengan metode tes. Data tes dianalisis berdasarkan kunci jawaban dan rubrik penilaian yang telah ditentukan. Data keaktifan dianalisis berdasarkan persentase siswa yang menunjukkan respon aktif seperti: dalam mengajukan pertanyaan guru, mengerjakan soal latihan, dan menjawab soal. Indikator keberhasilan hasil belajar ditentukan oleh 70% siswa mencapai kriteria ketuntasan minimal (KKM), dan keaktifan siswa sebesar 50%. Selama dua siklus penelitian ini, hasil belajar meningkat dari 21,87% menjadi 45,16% (pada siklus I) dan 74,19% pada akhir siklus II. Sedangkan keaktifan siswa meningkat dari 18,75% pada siklus 1 menjadi 40,85% pada akhir siklus 2. Walaupun keaktifan belum sesuai dengan yang diharapkan, peningkatan aktivitas siswa yang diperoleh memberikan harapan baru bagi peningkatan kualitas belajar mengajar di sekolah.

Kata kunci : *Model Pembelajaran Problem Based Learning, Keaktifan Siswa, Hasil Belajar, Statistika*

Abstract: Learning in class VIII students often have difficulty identifying solutions to real problems related to statistics such as mean, median, and mode. In addition, students also often experience inaccuracies in doing calculations. Therefore, classroom action research is carried out with the aim of increasing activeness and learning outcomes through the use of problem based learning learning models. The subjects of this study were students of class VIII A of SMP Negeri 1 Adimulyo, totaling 32 students. The activity data was collected by the observation method, and the learning outcome data was collected by the test method. The test data were analyzed based on the answer key and the predetermined scoring rubric. The activity data was analyzed based on the percentage of students who showed active responses such as: in asking the teacher's questions, doing practice questions, and answering questions. Indicators of the success of learning outcomes are determined by 70% of students achieving the minimum completeness criteria (KKM), and

50% of student activeness. During these two research cycles, learning outcomes increased from 21.87% to 45.16% (in the first cycle) and 74.19% at the end of the second cycle. Meanwhile, student activity increased from 18.75% in cycle 1 to 40.85% at the end of cycle 2. Although activity was not as expected, the increase in student activity obtained gave new hope for improving the quality of teaching and learning in schools.

Keywords: *Learning Model Problem Based Learning, Student Activity, Learning Outcomes, Statistics.*

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