

ABSTRAK

Ani Maryani, (1308075). Efektivitas Pendekatan Scientific dengan Metode Problem Based Learning terhadap kemampuan Berpikir Rasional dalam Pembelajaran IPS (Kuasi Eksperimen Di Kelas VII SMP Kartika XIX-2 Bandung). **Pembimbing Tesis** Prof. Dr. Disman, M.Si.

Penelitian ini dilatarbelakangi oleh pelaksanaan proses pembelajaran IPS di sekolah yang kurang efektif dan optimal dalam mengembangkan kemampuan berpikir rasional artinya pembelajaran IPS di SMP sebagian besar baru menyentuh ranah kognitif, kurang menyentuh ranah afektif dan psikomotor. Materi pembelajaran masih cenderung bersifat hapalan dan sangat tergantung pada teks book/ buku paket, sehingga pembelajaran menjadi kurang bermakna. Penelitian ini bertujuan untuk mengkaji banding kondisi pembelajaran IPS cara lama dan untuk mengetahui efektif tidaknya pendekatan *scientific* dengan metode *Problem Based Learning* (PBL) terhadap kemampuan siswa dalam berpikir rasional pada pembelajaran IPS. Metode penelitian yang digunakan adalah metode penelitian Kuasi Eksperimen dengan desain *Nonequivalen Control Group Design*. Satu kelas dipilih sebagai kelas kontrol dengan metode *Discovery* dalam pembelajaran IPS dan satu kelas eksperimen dengan pendekatan *scientific* metode *Problem Based Learning*. Teknik pengumpulan data yang digunakan berbentuk hasil test (pretest dan posttest) yang didukung oleh hasil observasi saat proses pembelajaran berlangsung dan angket serta wawancara ketika pembelajaran selesai. Teknik uji instrumen menggunakan bantuan ANATES versi 4.10, dan teknik analisa data untuk menguji hipotesis dalam penelitian ini menggunakan SPSS versi 20 dengan alat analisa : uji normalitas, uji homogenitas, analisa parametris dengan uji t, serta gain. Hasil penelitian menunjukkan bahwa pendekatan *scientific* metode PBL dan Discovery secara signifikan dapat meningkatkan kemampuan berpikir rasional siswa dalam pembelajaran IPS.

Kata kunci : Pendekatan *scientific*, metode PBL, berpikir rasional.

ABSTRACT

Ani Maryani, (1308075) The Effectiveness of Scientific Approach with Problem-Based and Discovery Learning Method on Rational Thinking Ability in Social Studies Teaching and Learning (A Quasi-Experiment to the Seventh Grade Student of SMP Kartika XIX-2 Bandung). **Thesis Supervisor:** Prof. Disman, M.Si.

The research was determined by the ineffectiveness of the implementation of social studies teaching and learning in schools in developing rational thinking ability; in other words, the teaching and learning of social studies in junior secondary schools in majority touch upon only on the cognitive domain, leaving the affective and psychomotor domains remain untouched. The instructional materials tended to be more on memorization aspect and highly dependent upon textbook, resulting in less meaningful teaching and learning. Thus, the study reviewing appeals to improve the conventional teaching and learning of social studies and to find the effectiveness of scientific approach with problem based (PBL) learning in improving students' rational thinking ability in the teaching and learning of social studies. The research adopted a quasi-experiment method with non-equivalent control group design. One class was selected as the control class treated with discovery learning method in social studies teaching and learning, and another designed as the experimental class treated with scientific approach with problem based learning. The data were in the forms of test results (pre-and post-tests), improved by the result of observation during teaching and learning and questionnaires as well as interview after the teaching and learning. The instrument test employed ANATES version 4.10, and data analysis technique to test the hypothesis of the research used SPSS version 20 with the following analysis tools: normality test, homogeneity test, parametric analysis using t-test, and gain test. Research results show that scientific approach with problem based (PBL) and Discovery Learning method could significantly improve students' rational thinking ability in the teaching and learning of social studies.

Keywords: Scientific approach, PBL method, rational thinking.