

Maliya Nur Imamah. 2023. *Implementasi Model Pembelajaran Problem Based Learning Berbasis Mind Mapping terhadap Kreativitas Siswa dalam Memecahkan Masalah*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Eva Ari Wahyuni

ABSTRAK

Penelitian ini bertujuan untuk mengetahui pengaruh implementasi model *problem based learning* berbasis *mind mapping* terhadap kreativitas siswa dalam memecahkan masalah. Penelitian merupakan kuantitatif jenis *quasi experiment*, dengan desain penelitian yaitu *non equivalent control group design*. Penelitian dilaksanakan di UPTD SMP Negeri 1 Arosbaya dengan populasi siswa kelas VII tahun ajaran 2022/2023. Pengambilan sampel 32 siswa kelas VII A dan 32 siswa kelas VII C dilakukan dengan teknik *simple random sampling*. Pengumpulan data menggunakan instrumen berupa tes kreativitas memecahkan masalah, lembar observasi dan angket. Hasil dari analisis tes kreativitas memecahkan masalah diperoleh hasil pengujian hipotesis (*independent sample t test*) dengan nilai sig. $0,000 < 0,05$ artinya H_1 diterima, artinya terdapat perbedaan kreativitas siswa memecahkan masalah antara kelas eksperimen dan kelas kontrol. Hasil lembar observasi keterlaksanaan pembelajaran selama 3 kali pertemuan memperoleh hasil rata-rata persentase 100% dengan kategori sangat baik. Respons siswa terhadap model pembelajaran memperoleh hasil rata-rata persentase 82% dengan kategori sangat baik. Hasil penelitian menunjukkan adanya pengaruh yang signifikan implementasi model PBL berbasis *mind mapping* terhadap kreativitas memecahkan masalah.

Kata kunci: Model *problem based learning*, *mind mapping*, kreativitas memecahkan masalah

Maliya Nur Imamah. 2023. *Implementatation of Mind Mapping Based Problem Based Learning Model on Student Creativity in Problems Solving*. Thesis, Science Education Study Program, Faculty of Education, Trunojoyo Madura University. Advisor: Eva Ari Wahyuni

ABSTRACT

This study aims to determine the implementation's effect of problem based learning models with mind mapping to students creativity of problems solving. The method used on this research is quantitative method with quasi-experimental type, with the research design is non-equivalent control group design. The research was conducted at UPTD SMP Negeri 1 Arosbaya with the population is all of the 7th grades students for the 2022/2023 academic year. The sample used was 32 students of VII A class and 32 students of VII C class was carried out using a simple random sampling technique. The instruments of data collection using creativity of problem solving tests, observations sheets and questionnaires. The results of the analysis of the test creativity in problems solving obtained results of hypothesis testing (t test) with the sig value $0,000 < 0.05$ which means that H_1 is accepted, this means that there are differences in students' creativity in solving problems between the experimental class and the control class . The results of the learning observation sheets for 3 meetings obtained an average percentage result of 100% with a very good category. The student responses to the learning model obtained an average percentage result of 82% with very good categories. The results showed a significant influence on the implementation of the PBL models with mind mapping on creativity in problem solving.

Keywords: *Problem based learning model, mind mapping, creativity in problem solving*