

ABSTRAK

Ryan Bagus Setiawan, 2015. Penerapan Model *Brain Based Learning* (BBL) Pada Materi Himpunan Peserta didik Kelas VII SMPN 2 Surabaya. Skripsi. Program Studi Pendidikan Matematika. Fakultas Keguruan dan Ilmu Pendidikan. Universitas PGRI Adi Buana Surabaya. Pembimbing: Moh.Syukron Maftuh, S.Si., M.Pd.

Kata Kunci: Model Pembelajaran, *Brain Based Learning*, Matematika, Materi Himpunan.

Penelitian ini dilatarbelakangi oleh kurangnya model pengajaran di sekolah dan lebih dominan pada pengajaran konvensional. Dimana guru hanya memberikan pengajaran yang monoton dan membuat siswa bosan. Rumusan masalah dalam penelitian ini adalah ” Bagaimana respon peserta didik SMP kelas VII pada penerapan model *brain based learning* (BBL) dalam pembelajaran materi Himpunan ?”. Tujuannya adalah untuk mengetahui respon peserta didik dalam penerapan model *Brain Based Learning*.

Metode penelitian yang digunakan adalah Deskriptif Kuantitatif. Dimana sumber data didapat melalui observasi, angket, dan tes. Data akan dianalisa menggunakan metode analisis kuantitatif yang sudah ada.

Berdasarkan analisa data yang dilakukan dalam penelitian yang terdiri dari satu kelas yaitu kelas VII-F. Maka diperoleh Persentase respon Penerapan model *Brain Based Learning* adalah 58,5% untuk respon baik dan yang tidak merespon sebesar 41,5% dan 64,03% untuk perilaku siswa yang relevan dengan pembelajaran sisanya melakukan penyimpangan seperti bermain HP, mengobrol dengan teman sebangku, dll.

ABSTRACT

Ryan Bagus Setiawan, 2015. Application of Brain Based Learning (BBL) Model in the Material of Class VII Students of SMP 2 Surabaya. Essay. Mathematics Education Study Program. Faculty of Teacher Training and Education. University of PGRI Adi Buana Surabaya. Advisor: Moh. Syukron Maftuh, S.Si., M.Pd.

Keywords: Learning Model, Brain Based Learning, Mathematic, Set Material

This research was motivated by a model that was rejected in school and was more dominant in conventional agreement. Where the teacher only provides monoton teaching and makes student bored. The formulation of the problem in this research is “How is the response of the seventh grade junior high school student to the application of the Brain Based Learning (BBL) model in set learning material?”. The aim is to determine the response of student in the application of the Brain Based Learning model.

The reseach method used is descriptive quantitative. Where data sources are obtained through observation, questionnaires, dan test. Data will be analyzed using existing quantitative analysis methods.

Based on data analysis conducted in reseach consisting of one class, namely class VII-F. Then the percentage of responses obtained the application of the Brain Based Learning model is 58,5% for good responses and those that do not responses at 41,5% and 64,03% for student behavior that is relevant to the rest of learning doing deviations such as playing cellphones, chatting with peers, etc.