

ABSTRAK

Hestiana, Puput. 2019. *Penerapan Model Pembelajaran Problem Solving Pada Mata Pelajaran Matematika Untuk Siswa Kelas VII SMPN 24 Surabaya*. Program Studi Pendidikan Matematika. Fakultas Keguruan dan Ilmu Pendidikan. Universitas PGRI Adi Buana Surabaya. Pembimbing: Erlin Ladyawati, S.Pd., M.Pd.

Kata Kunci : *Pembelajaran matematika , Model Problem Solving*

Pembelajaran matematika merupakan kegiatan untuk memperoleh ilmu yang merupakan alat pikir, berkomunikasi, alat untuk memecahkan berbagai persoalan praktis, yang tersusun baik dari yang sederhana menuju yang paling kompleks dan memperoleh suatu keterampilan melalui pelajaran, pengalaman, atau pengajaran yang melibatkan informasi dan lingkungan yang disusun secara terencana untuk memudahkan peserta didik dalam belajar.

Model pembelajaran *Problem Solving* merupakan rangkaian aktivitas pembelajaran, artinya dalam implementasi *Problem Solving* ada sejumlah kegiatan yang harus dilakukan siswa. *Problem Solving* tidak mengharapkan siswa hanya sekedar mendengarkan, mencatat, kemudian menghafal materi pelajaran, akan tetapi melalui *Problem Solving* siswa aktif berpikir, berkomunikasi, mencari dan mengolah data, dan akhirnya menyimpulkan.

Tujuan penelitian ini untuk mendeskripsikan aktivitas belajar siswa selama diterapkan model pembelajaran *Problem Solving*, mendeskripsikan hasil belajar siswa setelah diterapkannya model pembelajaran *Problem Solving*, dan mendeskripsikan respon siswa terhadap penerapan model pembelajaran *Problem Solving*. Rancangan penelitian yang digunakan adalah *one-shot case study* dengan subyek penelitian adalah 41 siswa keseluruhan pada kelas VII-B SMPN 24 Surabaya pada tahun ajaran 2018/2019. Penelitian ini berlangsung selama tiga kali pertemuan yang pelaksanaannya sesuai dengan RPP himpunan.

Hasil penelitian menunjukkan aktivitas siswa kelas VII-B selama menerapkan model pembelajaran *Problem Solving* pada

kegiatan pembelajaran matematika dinyatakan aktif, hasil belajar siswa kelas VII-B setelah menerapkan model pembelajaran *Problem Solving* pada kegiatan pembelajaran matematika dinyatakan tuntas secara klasikal, dan respon siswa kelas VII-B setelah menerapkan model pembelajaran *Problem Solving* pada kegiatan pembelajaran matematika dinyatakan positif.

ABSTRACT

Hestiana, Puput. 2019. *Application Of Problem Solving Learning Models On Mathematics Subjects For Student Class VII Mathematics SMPN 24 Surabaya*. Mathematics Education Study Program. Faculty of Teacher Training and Education. University of PGRI Adi Buana Surabaya. *Advisor: Erlin Ladyawati, S.Pd., M.Pd.*

Keywords: Learning mathematics, Model Problem Solving

Mathematics learning is an activity to obtain knowledge which is a tool of thought, communication, a tool to solve various practical problems, which are arranged from simple to the most complex and obtain a skill through learning, experience, or teaching that involves information and an environment that is structured planned to facilitate students in learning.

Problem Solving learning model is a series of learning activities, meaning that in the implementation of Problem Solving there are a number of activities that students must do. Problem Solving does not expect students to just listen, take notes, then memorize the subject matter, but through Problem Solving students actively think, communicate, search and process data, and finally conclude.

The purpose of this study is to describe student learning activities as long as the Problem Solving learning model is applied, describe student learning outcomes after the application of Problem Solving learning models, and describe student responses to the application of Problem Solving learning models. The research design used is one-shot case study with research subjects are 41 students in total in class VII-B of SMP 24 Surabaya in the 2018/2019 school year. This study took place for three meetings which were carried out in accordance with the RPP set.

The results showed of the research activities of class VII-B students while applying the Problem Solving learning model in mathematics learning activities were declared active. Learning outcomes of students of class VII-B after applying the Problem Solving learning model in mathematical learning activities are declared complete in a classical manner. And the response of students of class VII-B after applying the Problem Solving learning model in mathematics learning activities was stated positive.

