

ABSTRAK

Stefani Dwiana Putri (NIM: 131414016). 2017. *Motivasi dan Kemampuan Berpikir Kritis Siswa dalam Pembelajaran Berbasis Masalah pada Pokok Bahasan Kubus dan Balok Kelas VIIIC SMP Stella Duce 2 Yogyakarta Tahun Ajaran 2016/2017.*

Penelitian ini bertujuan untuk mendeskripsikan: (1) motivasi belajar siswa dalam pembelajaran yang mengimplementasikan model pembelajaran berbasis masalah pada pokok bahasan kubus dan balok di kelas VIIIC SMP Stella Duce 2 Yogyakarta tahun ajaran 2016/2017, dan (2) kemampuan berpikir kritis siswa dalam pembelajaran yang mengimplementasikan model pembelajaran berbasis masalah di kelas VIIIC SMP Stella Duce 2 Yogyakarta tahun ajaran 2016/2017.

Jenis penelitian ini adalah penelitian deskriptif dengan pendekatan kuantitatif. Subjek penelitian adalah 28 siswa kelas VIIIC SMP Stella Duce 2 Yogyakarta. Pengambilan data di sekolah dilaksanakan bulan Desember 2016 sampai Juni 2017. Data dalam penelitian ini dikumpulkan melalui pengamatan, penyebaran kuesioner, dan tes. Hasil pengamatan motivasi belajar dan kemampuan berpikir kritis, hasil tes kemampuan awal dan tes kemampuan akhir dianalisis secara kuantitatif .

Hasil penelitian yang diperoleh adalah: (1) motivasi belajar siswa termasuk dalam kategori sedang. Berdasarkan hasil pengamatan, siswa masih kurang memperhatikan saat pelajaran matematika berlangsung sedangkan hasil kuesioner motivasi belajar siswa tinggi. (2) Kemampuan berpikir kritis siswa masih kurang, akan tetapi kemampuan berpikir kritis yang dimiliki siswa meningkat setiap pertemuannya, sehingga pembelajaran matematika dengan model pembelajaran berbasis masalah dapat membantu siswa dalam menyelesaikan suatu permasalahan yang diberikan.

Kata Kunci: Kubus dan Balok, Model Pembelajaran Berbasis Masalah, Motivasi Belajar Siswa, Kemampuan Berpikir Kritis.

ABSTRACT

Stefani Dwiana Putri. 2017. Students' Motivation and Critical Thinking Ability in Problem Based Learning on the Subject of Cube and Cuboid Grade VIII C Stella Duce 2 Junior High School of Yogyakarta on the Academic Year 2016/2017.

The aims of the study were to describe: (1) learning motivation of students in the implementation of problem based learning on the subject of the cube and cuboid grade VIII C Stella Duce 2 junior high school of Yogyakarta of the academic year 2016/2017, and (2) students' critical thinking ability in the implementation of problem based learning grade VIII C Stella Duce 2 junior high school of Yogyakarta on the academic year 2016/2017.

The type of study used is descriptive research with quantitative approach. The subjects of study are 28 students grade VIII C Stella Duce 2 junior high school of Yogyakarta. This study was conducted on December 2016 until Juni 2017. The data of the study were gathered through observation, dissemination of the questionnaire, and test. The result of the observation of learning motivation and critical thinking ability, pretest and posttest were analyzed quantitatively.

The results of the research are: (1) learning motivation of students include medium categories. Based on the observation, students still less pay attention to the time of lessons of the mathematics while the result of learning motivation questionnaire of students are high. (2) Critical thinking ability of students are less, but critical thinking ability of students is improved in every meeting, thus mathematics learning with problem based learning can helped students in solving a problem is given

Keyword: Cube and Cuboid, Problem Based Learning, Learning Motivation of Students, Critical Thinking Ability.