

ABSTRAK

Esti Windarti, 2012. Efektivitas Penggunaan Lembar Kerja Siswa (LKS) Ditinjau dari Motivasi, Aktivitas dan Prestasi Belajar Siswa di kelas VIII C SMP Negeri 2 Paliyan pada Pembelajaran Pokok Bahasan Prisma dan Limas. Program Studi Pendidikan Matematika, Jurusan Pendidikan Matematika dan IPA, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Sanata Dharma, Yogyakarta.

Penelitian ini bertujuan untuk mengetahui (1) efektivitas penggunaan LKS dalam meningkatkan motivasi belajar siswa di kelas VIII C SMP Negeri 2 Paliyan pada pembelajaran pokok bahasan Prisma dan Limas, (2) efektivitas penggunaan LKS dalam mendukung aktivitas belajar siswa di kelas VIII C SMP Negeri 2 Paliyan pada pembelajaran pokok bahasan Prisma dan Limas dan (3) efektivitas penggunaan LKS dalam mendukung prestasi belajar siswa di kelas VIII C SMP Negeri 2 Paliyan pada pembelajaran pokok bahasan Prisma dan Limas.

Jenis penelitian ini adalah penelitian pra eksperimental. Subjek penelitian siswa kelas VIII C SMP Negeri 2 Paliyan yang berjumlah 22 orang. Penelitian dilaksanakan pada semester 2 tahun ajaran 2011/2012 pada pokok bahasan Prisma dan Limas. Penelitian diawali dengan observasi kegiatan pembelajaran siswa. Pelaksanaan pembelajaran menggunakan LKS dilakukan 4 kali pertemuan. Pengambilan data motivasi belajar dilakukan dengan menggunakan kuisioner dan wawancara. Pengambilan data aktivitas belajar siswa diperoleh dengan melakukan pengamatan aktivitas belajar siswa. Pengambilan data prestasi belajar dilakukan dengan menggunakan tes prestasi belajar.

Hasil penelitian menunjukkan (1) Penggunaan LKS efektif digunakan dalam meningkatkan motivasi belajar siswa di kelas VIII C SMP N 2 Paliyan pada pembelajaran pokok bahasan Prisma dan Limas. Peningkatan tersebut dapat dilihat dari rata-rata skor motivasi belajar siswa naik 8,3% dan persentase jumlah siswa yang motivasinya mengalami peningkatan sebanyak 86,4%. Dari hasil wawancara menyatakan bahwa siswa termotivasi untuk belajar matematika dengan menggunakan LKS. (2) Penggunaan LKS efektif digunakan dalam mendukung aktivitas belajar siswa di kelas VIII C SMP N 2 Paliyan pada pembelajaran pokok bahasan Prisma dan Limas. Hasil pengamatan aktivitas belajar menunjukkan bahwa dalam proses pembelajaran dengan menggunakan LKS tergolong aktif. Frekuensi aktivitas belajar pada pertemuan pertama, kedua, ketiga dan keempat masing-masing sebesar 69,1%, 74,1%, 72,3% dan 74,5%. (3) Penggunaan LKS efektif digunakan untuk mendukung prestasi belajar siswa di kelas VIII C SMP N 2 Paliyan pada pembelajaran pokok bahasan Prisma dan Limas. Persentase jumlah siswa yang tuntas atau memenuhi KKM sebanyak 77,3%.

Kata kunci : Efektivitas, Motivasi Belajar, Aktivitas Belajar, Prestasi Belajar dan LKS.

ABSTRACT

Esti Windarti, 2012. The Effectiveness of Using Student Worksheets in Terms of Motivation, Activities and Learning Achievements of the Students in Class VIIIC of SMP N 2 Paliyan on the Topic of Prisms and Pyramids. Mathematics Education Study Program, Department of Mathematics and Science Education, Faculty of Teachers Training and Education, Sanata Dharma University, Yogyakarta.

This research aimed to know (1) the effectiveness of using student worksheets to increase students' motivation in Class VIIIC of SMP N 2 Paliyan on the topic of Prisms and Pyramids, (2) the effectiveness of using student worksheets to support students' activities in Class VIIIC of SMP N 2 Paliyan on the topic of Prisms and Pyramids, and (3) the effectiveness of using student worksheets to support students' learning achievement in Class VIIIC of SMP N 2 Paliyan on the topic of Prisms and Pyramids.

The type of research was pre-experimental research. The subjects of this research were Class VIIIC students of SMP Negeri 2 Paliyan consisting of 22 people. This research was conducted in the second semester, in the academic year 2010/2011 on the topic of Prisms and Pyramids. The research was started by observations of the students' learning activities. The use of student worksheets in classroom learning activities was conducted in four meetings. The data of students' motivation were gathered using questionnaire and interview. The data of students activities were obtained by observing students' learning activities. The data of students achievement were obtained by using achievement tests.

The results showed that (1) the use of student worksheets was effective to increase students' motivation in Class VIIIC of SMP N 2 Paliyan on the topic of Prisms and Pyramids. It could be seen from the average score of students' motivation which increased up to 8.3% and percentage of students whose motivation was increased by 19 students or 86,4%. From the interview, it was found that the students were motivated to learn mathematics using student worksheets. (2) The use of student worksheets was effective to support students' activities in Class VIIIC of SMP N 2 Paliyan on the topic of Prisms and Pyramids. The results of the observations showed that the students were active during the learning process conducted in the class. The frequency of the learning activities from the first to fourth meetings were 69.1%, 74.1%, 72.3% and 74.5% respectively. (3) The use of student worksheets was effective to support students' achievement in Class VIIIC of SMP N 2 Paliyan on the topic of Prisms and Pyramids. The percentage of students who passed or fulfilled the minimum requirements criteria (MCR) was 77.3%.

Keywords: Effectiveness, Learning Motivation, Learning Activity, Learning Achievement, Student Worksheets.