

ABSTRAK

Maria Magdalena Yunika Nugraheni, 2009. *Rangkaian Kegiatan Guru dalam Pembelajaran Matematika yang Mengintegrasikan Penumbuhan Kecakapan Vokasional Siswa SMP*. Skripsi. Program Studi Pendidikan Matematika, Fakultas Keguruan Dan Ilmu Pendidikan, Universitas Sanata Dharma, Yogyakarta.

Penelitian ini bertujuan untuk mendeskripsikan rangkaian kegiatan guru dalam pembelajaran matematika yang mengintegrasikan penumbuhan kecakapan vokasional pada siswa SMP. Metode yang digunakan dalam penelitian ini adalah metode kualitatif deskriptif yang bertujuan untuk mengungkap fenomena dalam keadaan yang seadanya. Data yang dikumpulkan bersifat kualitatif, yang berkaitan dengan pembelajaran di dalam kelas. Pembelajaran di kelas dilaksanakan 2 kali. Berdasarkan data tersebut diungkap rangkaian kegiatan guru dalam memfasilitasi pembelajaran yang mengembangkan kecakapan vokasional. Subyek penelitian adalah guru bidang studi matematika kelas VII SMP Pangudi Luhur Giriwoyo pada saat melakukan kegiatan belajar-mengajar pada topik garis dan sudut. Penelitian ini dilaksanakan pada kelas VII selama lima kali pertemuan yang dimulai pada tanggal 15 Agustus 2008 sampai dengan 21 Agustus 2008, setiap pertemuan terdiri dari 2 jam pelajaran atau 90 menit. Pengumpulan data diperoleh dengan cara merekam kegiatan pembelajaran menggunakan 'handy-cam'. Data-data yang dihasilkan dianalisis melalui proses analisis data yaitu (1) transkripsi, (2) penentuan topik-topik data, (3) penentuan kategori data, dan (4) penarikan kesimpulan.

Hasil penelitian berupa deskripsi rangkaian kegiatan guru dalam pembelajaran matematika yang mengintegrasikan penumbuhan kecakapan vokasional pada siswa SMP pada topik garis dan sudut tersebut meliputi : (1) Rangkaian kegiatan guru pada pertemuan III dan (2) Rangkaian kegiatan guru pada pertemuan IV. Rangkaian kegiatan guru pada pertemuan III meliputi: (1) Menggali pengalaman siswa berdasarkan LKS 1 dan 2 yang sudah dikerjakan oleh siswa sesuai kegiatan membuat produk kerajinan di sentra produksi, (2) Mengaitkan pembelajaran dengan kehidupan sehari-hari, (3) Membimbing siswa dalam mengerjakan LKS. Sedangkan rangkaian kegiatan guru pada pertemuan IV meliputi: (1) Rangkaian kegiatan mengingatkan siswa tentang pembelajaran pada pertemuan III, (2) Rangkaian kegiatan memfasilitasi siswa memahami materi garis dan sudut, (3) Rangkaian kegiatan mengaitkan pembelajaran dengan kehidupan sehari-hari, (4) Rangkaian kegiatan membimbing siswa dalam mengerjakan LKS 3 dan Latihan pada buku paket.

ABSTRACT

Nugraheni, Maria Magdalena Yunika, 2009. The Series Of Teacher's Activities in Mathematic Teaching and Learning Which is Integrating to Improve Vocational Skills in Students of Junior High School. Thesis. Mathematics Education Program of Theacher Education Of Sanata Dharma University.

The research in this thesis was used to describe the series of teacher's activities in mathematic teaching and learning which is integrating to improve vocational skills in students of junior high school. The method in this research was descriptive qualitative with aim to show the phenomena in the real situation. The data was gathered qualitative, that connected teaching and learning in the class. The teaching and learning was twice in class. Based the data, expressed that the series of teacher's activities in teaching and learning improving vocational skill. Teacher of mathematic seventh grade at SMP Pangudi Luhur Giriwoyo when teaching and learning in the lines and angle's topic is the subject of research. This research was done in the seventh grade in five times meeting that began 15th until 21st August 2008, each meeting consist of 2 hours or 90 minutes. The research data were gathered by recording the teaching learning process using handy-cam. The data analysis was done by procedures: (1) transcription, (2) deciding the data topics, (3) deciding the data categories, (4) conclusion withdrawal.

The research result in the form of description the series of teacher's activities in mathematic teaching and learning which is integrating to improve vocational skills in students of junior high school in lines and angle's topic consist of: (1) the series of teacher's activities in the meeting III and (2) the series of teacher's activities in the meeting IV. The series of teacher's activities in the meeting III consist of: (1) explore the experiences of students based on worksheet 1 and 2 which have been done by students after make the handy-craft products in industrial center, (2) connecting between teaching and learning with daily activities, (3) guiding the students to do the worksheet. The series of teacher's activities in the meeting IV consist of: (1) reminding the students about teaching and learning in the meeting III, (2) facilitating the students to understand the lines and angle's topic, (3) connecting between teaching and learning with daily activities, (4) guiding the students to do the third worksheet and answer the questions in references books.