

ABSTRAK

Paulina Lystianingsih Riardi. 2013. *Aktivitas Dan Hasil Belajar Siswa Dalam Pembelajaran Operasi Hitung Bilangan Bulat Di SLB B Yapenas Kelas V Dengan Menggunakan Alat Peraga Bola Bermuatan*. Skripsi. Yogyakarta: Pendidikan Matematika, Jurusan Pendidikan Matematika Dan Ilmu Pengetahuan Alam, Fakultas Keguruan Dan Ilmu Pendidikan, Universitas Sanata Dharma.

Tujuan dari penelitian ini adalah untuk (1) mengetahui aktivitas belajar siswa-siswi SLB B (tunarungu) dalam pembelajaran operasi hitung bilangan bulat dengan menggunakan alat peraga dan (2) mengetahui apakah pembelajaran operasi hitung bilangan bulat dengan menggunakan alat peraga dapat meningkatkan hasil belajar siswa-siswi di SLB.

Subyek dalam penelitian ini adalah seluruh siswa kelas V SLB B Yapenas, tahun ajaran 2012/2013 yang berjumlah 2 siswa. Penelitian ini menggunakan jenis penelitian deskriptif kualitatif-kuantitatif. Instrumen penelitian yang digunakan terdiri dari: (1) lembar pengamatan aktivitas belajar siswa, (2) soal tes hasil belajar siswa berupa *pre test* dan *post test*, (3) wawancara dan (4) dokumentasi. Analisis data aktivitas siswa diperoleh berdasarkan lembar pengamatan, video rekaman dan hasil wawancara sedangkan analisis hasil belajar siswa dengan cara menghitung nilai pada saat *pre test* dan juga *post test*, kemudian dibandingkan.

Hasil penelitian menunjukkan bahwa (1) Dyah dan Ika melakukan aktivitas-aktivitas belajar meliputi *visual activities* seperti siswa memperhatikan guru ketika menjelaskan materi, *listening activities* seperti siswa mendengarkan guru saat menjelaskan dan siswa berdiskusi/bekerjasama, *writing activities* seperti siswa mencatat hal-hal penting, *motor activities* seperti siswa melakukan praktek menggunakan alat peraga bola bermuatan dan *mental activities* seperti siswa mengerjakan soal latihan yang diberikan. Aktivitas yang kurang menonjol adalah *oral activities* seperti bertanya dan menyatakan pendapat. (2) Hasil belajar siswa pada pembelajaran operasi hitung bilangan bulat dengan menggunakan alat peraga terlihat ada peningkatan, nilai Dyah pada saat *pre test* 46,63 naik menjadi 67, 86 pada saat *post test* sedangkan nilai Ika pada saat *pre test* 53,57 naik menjadi 75 pada saat *post test* jadi nilai *post test* mereka memenuhi KKM yaitu 67.

Kata Kunci: Aktivitas, Hasil Belajar, Alat Peraga, Bilangan Bulat, SLB B (tunarungu)

ABSTRACT

Paulina Lystianingsih Riardi. 2013. *Student Activities and Student Learning Result in Learning Integer Count Operation in SLB B Yapenas Grade V with Using Contained Ball Props*. Thesis. Yogyakarta: Mathematic Education, Deaprtment of Mathematic and Science Education, Teacher Training and Education Faculty, Sanata Dharma University.

The purposes of this research were to (1) elaborate the learning activities of SLB B students (with hearing impairment) in Learning Integer Count Operation with using props and (2) know learning integer with using props can increase student's SLB B learning result.

The subjects of this research is all of the SLB B Yapenas grade V students, school year 2012/2013 which were two students. This research was Qualitative-Quantitative Descriptive Research. The research instruments were as following (1) student activities observation sheet, (2) test material and student's test result in form of *pre test* and *post test*, (3) interview and (4) documentation. Data analysis of student activities was obtained according to observation sheet, recorded videos, and interview result, while student learning result analysis was obtained by calculation the pre test and post test score, then both of them were compared.

The result of this research showed that (1) Dya and Ika did learning activities such as visual activities which is student's paid attention of the teacher when describe of material, listening activities which is student's listening when teacher explained and student's did discussion, writing activities which is student's take a note the important things, motor activities which is student's did practicing use contained ball props and mental activities which is student's did exercises that giving. The less activity that showed is oral activities which is student's asked and explained opinion. (2) student learning result in integer count operation using props increases. Dyah's score increases from 46,63 in pre test to 67,86 in post test, while Ika's score increases from 53,57 in pre test to 75 in post test. Therefore, their post test scores have passed KKM which is 67.

Keywords: Student activities, learning result, props, integer, SLB B (Students with hearing impairment)