

ABSTRAK

**Yasinta Friska Ratnaningrum, 101414063. 2015. *Penggunaan Alat Peraga Kartu Hitung Pada Pembelajaran Materi Operasi Hitung Perkalian Bilangan Bulat Bagi Siswa Tunarungu Kelas VII SMP di SLB N 1 Bantul Yogyakarta tahun Ajaran 2014/2015*. Skripsi. Program Studi Pendidikan Matematika, Jurusan Pendidikan Matematika dan Ilmu Pengetahuan Alam, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Sanata Dharma, Yogyakarta.**

Tujuan dari penelitian ini adalah untuk (1) mengetahui hasil belajar siswa tunarungu dalam pembelajaran matematika menggunakan alat peraga kartu hitung untuk materi operasi hitung perkalian bilangan bulat. (2) mengetahui keterlibatan siswa tunarungu dalam pembelajaran matematika menggunakan alat peraga kartu hitung untuk materi operasi hitung perkalian bilangan bulat. (3) mengetahui minat siswa tunarungu dalam pembelajaran matematika menggunakan alat peraga kartu hitung untuk materi operasi hitung perkalian bilangan bulat.

Jenis penelitian ini adalah deskriptif kualitatif dan kuantitatif. Pengumpulan data dalam penelitian ini dilakukan dengan cara: (1) memberikan soal *pre-test* dan *post-test* (2) mengamati tingkah laku dan respon siswa tunarungu selama pembelajaran berlangsung. Kemudian mengisi lembar observasi untuk mengetahui keterlibatan siswa, serta mengisi angket untuk mengetahui minat siswa. (3) dokumentasi Subyek dalam penelitian ini adalah siswa kelas VII SLB B N 1 Bantul Tahun Ajaran 2014/2015 yang berjumlah empat orang siswa. Penulis melakukan penelitian dengan menggunakan alat peraga kartu hitung.

Hasil penelitian menunjukkan bahwa (1) terdapat hasil belajar yang dicapai keempat siswa yang terlihat dari hasil nilai *pre-test* dan *post-test* di mana rata-rata *pre-test* sebesar 73,32% dan rata-rata *post-test* sebesar 96,65%. (2) siswa mau terlibat aktif selama pembelajaran berlangsung. Siswa cepat memahami penjelasan dan memberikan respon positif selama pembelajaran berlangsung. (3) minat siswa dalam pembelajaran operasi hitung perkalian bilangan bulat tergolong tinggi, di mana siswa aktif selama pembelajaran dan terbantu dengan adanya alat peraga dalam mengerjakan soal-soal yang diberikan, siswa mau menjawab pertanyaan dan mau berdiskusi dengan temannya. Siswa juga berkonsentrasi dan mengikuti pelajaran dengan baik, siswa senang, termotivasi dan semangat dalam belajar.

**Kata kunci : Alat Peraga, Kartu Hitung, Operasi Hitung Perkalian Bilangan Bulat, Siswa Tunarungu**

**ABSTRACT**

Ratnaningrum, Yasinta Friska. 101414063. (2015). *The use of the teaching aid arithmetic card on learning the arithmetic operation of integer multiplication material for deaf students in grade VII in SLB N 1 Bantul Yogyakarta in the academic year of 2014/2015*. Thesis. Mathematics Education Study Program. Department of Science and Mathematics Education. Faculty of Teacher Training and Education. Sanata Dharma University, Yogyakarta.

This research aimed to find out (1) the achievement of deaf students in a mathematics learning which uses a teaching aid “kartu hitung” for the arithmetic operation of the integer multiplication material (2) the involvement of deaf students in a mathematics learning which uses a teaching aid “kartu hitung” for the arithmetic operation of the integer multiplication material (3) the interest of deaf students in a mathematics learning which uses a teaching aid “kartu hitung” for the arithmetic operation of the integer multiplication material.

The type of the research was qualitative and quantitative descriptive. The data were gathered by (1) giving the pre test and post test (2) observing the behavior and responses of deaf students during the learning process. After that, the researcher filled in the observation sheet to find out the students’ involvement and completed the questionnaire to find out the students’ interest. The subjects of the research were the students in grade VII of SLB N 1 Bantul in the academic year of 2014/2015. There were four students. The researcher conducted the research using a teaching aid “kartu hitung”.

The results of the research pointed out that (1) there was an enhancement on the achievement achieved by those four students seen from the score of the pre-test and post-test, in which the average score of the pre test was 73,32% and the average score of the post test was 96,65% (2) the students wanted to take part actively during the learning process, the students quickly understood the explanation and gave positive responses during the learning process (3) the students’ interest in the arithmetic operation of the integer multiplication was high, in which the students were active during the learning process and helped by the teaching aid in doing the exercises given, the students wanted to answer the questions and discuss with their friends. The students also concentrated and followed the learning process well. They were happy, motivated, and enthusiastic in studying.

**Keywords:** teaching aid, arithmetic operation of integer multiplication, deaf students