

## ABSTRAK

**LIDIATY: Pembelajaran Matematika Aktif dan Interaktif dalam Pengembangan Sikap Sosial Anak Autis di SLB Fredofios. Skripsi. Yogyakarta, Strata Satu, Universitas Mercu Buana Yogyakarta, 2018.**

Penelitian ini bertujuan untuk mengetahui: (1) Pembelajaran matematika aktif dalam pengembangan sikap sosial anak autis di SLB Fredofios; (2) Pembelajaran matematika interaktif dalam pengembangan sikap sosial anak autis di SLB Fredofios. Menggunakan pendekatan deskriptif kualitatif-kuantitatif. Karakteristik subjek penelitian meliputi anak autis berusia remaja pada jenjang pendidikan setara sekolah menengah atas, dan informan adalah guru/pengajar di SLB Fredofios. Pengumpulan data dengan menggunakan pedoman wawancara, observasi, dokumentasi, dan angket penelitian. Teknik analisis data kualitatif terdiri dari reduksi data, penyajian data, dan penarikan kesimpulan, dengan pemeriksaan keabsahan data menggunakan triangulasi sumber. Teknik analisis data kuantitatif berupa distribusi frekuensi angket penelitian.

Hasil penelitian kualitatif sebagai berikut: (1) Pembelajaran matematika aktif dalam pengembangan sikap sosial anak autis di SLB Fredofios, menggunakan metode pembelajaran demonstrasi dan *drill* terbukti efektif. Diawal inti pembelajaran guru mendemonstrasikan materi dengan media ataupun alat, kemudian siswa yang memperhatikan akan diminta untuk latihan berdasar materi yang telah didemonstrasikan sebelumnya. Latihan tebimbing ini dilakukan secara berulang dan terus menerus, disebut dengan metode *drill*. (2) Pembelajaran matematika interaktif dalam pengembangan sikap sosial anak autis di SLB Fredofios, dengan menggunakan sumber belajar berupa media pembelajaran, terbukti efektif mengembangkan sikap sosial anak. Anak autis mampu berinteraksi dengan guru menggunakan media pembelajaran tersebut, sehingga tercipta pengembangan sikap sosial anak. Dan hasil penelitian kuantitatif berdasar angket yang diisi oleh empat observer didapat, dua observer mengatakan anak memiliki pengembangan sikap sosial dalam kategori tinggi, dengan rentang skor  $\geq 40$ . Sedangkan dua lainnya mengatakan pengembangan sikap sosial dalam kategori sedang, dengan rentang skor  $20 \geq x < 40$ .

**Kata kunci** : Pembelajaran aktif, pembelajaran interaktif, anak autis.

## **ABSTRACT**

**LIDIATY:** *Active and Interactive Mathematics Learning in Developing Social Attitude of Autistic Children in SLB Fredofios. Thesis. An Ungraduate Program. Yogyakarta. University of Mercu Buana Yogyakarta, 2018.*

*This research aims to determine: (1) Active mathematics learning in developing social attitude of autistic children in SLB Fredofios; (2) Interactive math learning in developing social attitude of autistic children in SLB Fredofios. Using qualitative-quantitative descriptive approach. Characteristics of the research subjects included adolescents with autism aged adolescents at the level of education equivalent to high school, and the informant comes from teachers at the school. Data collection techniques used were interview guidelines, observation, documentation, and questionnaire research. Qualitative data analysis techniques consisted of data reduction, data presentation, and conclusion, by examining the validity of data using source triangulation. Quantitative data analysis techniques in the form of frequency distribution questionnaire research.*

*The result of qualitative research as follows: (1) Active mathematics learning in developing social attitude of autistic children in SLB Fredofios, using demonstration and drill learning methods is proven to be effective. At the beginning at the core of the teacher's lesson, she demonstrate the material with the media or tools, then the students who are concerned will be asked to do exercise based on material that has been demonstrated before. This guiding exercise is done repeatedly and continuously or can be called by the term drill. (2) Interactive mathematics learning in developing social attitude of autistic children in SLB Fredofios, by using learning resources in the form of learning media proven to be effective in developing social attitude of children. Autistic children are able to interact with teachers using the learning media, so as to create the development of social attitudes of children. And the results of quantitative research based on a questionnaire filled by four observers obtained, two observers said children have the development of social attitudes in the high category, with a range of scores  $\geq 40$ . The other two observers said the development of attitudes in the medium category with range of score  $20 \geq x < 40$ .*

**Key words** : *Active learning, interactive learning, autistic.*