

ABSTRACT

DEVELOPMENT OF STUDENTS WORKSHEET BASED ON ASSISTED LEARNING MATHEMATICS FOR CHILDREN WITH SPECIAL NEEDS IN INCLUSIVE CLASSES

By

FITRI AVIRIANTI HANDAYANI

This study aims to produce a product in the form of learning materials for student worksheets (LKPD), analyzing attractiveness and benefits, and analyzing the effectiveness of the use of teaching materials based on assisted learning for children with special needs. This study was held because there is no special teaching materials for children with special needs. This research approach is Research and Development with reference to the model developed by Borg and Gall. The final product of this research is LKPD teaching material which has been evaluated by material experts, design experts, and limited test. This research development resulted in (1) teaching-based materials assisted learning developed based on the results of the needs analysis of learners and can be used in learning mathematics in elementary, (2) teaching materials that appeal to learners viewed from positive learner's response, and (3) Teaching materials based on effective assisted learning for learning seen from improving learning outcomes of students with special needs.

Keywords: LKPD, learning outcomes, assisted learning

ABSTRAK

PENGEMBANGAN LEMBAR KEGIATAN PESERTA DIDIK BERBASIS *ASSISTED LEARNING* MATEMATIKA BAGI ANAK BERKEBUTUHAN KHUSUS DI KELAS INKLUSIF

Oleh

FITRI AVIRIANTI HANDAYANI

Penelitian ini bertujuan menghasilkan suatu produk berupa bahan ajar lembar kerja peserta didik (LKPD), menganalisis kemenarikan dan kemanfaatan, serta menganalisis efektivitas penggunaan bahan ajar berbasis *assisted learning* untuk anak berkebutuhan khusus. Penelitian ini diadakan karena belum terdapatnya bahan ajar khusus untuk anak berkebutuhan khusus. Pendekatan penelitian ini adalah *Research and Development* dengan mengacu pada model yang dikembangkan oleh Borg and Gall. Produk akhir penelitian ini berupa bahan ajar LKPD yang telah dievaluasi oleh ahli materi, ahli desain, serta uji terbatas. Penelitian pengembangan ini menghasilkan (1) bahan ajar berbasis *assisted learning* dikembangkan berdasarkan hasil analisis kebutuhan peserta didik dan dapat digunakan pada pembelajaran Matematika di SD, (2) bahan ajar yang menarik bagi peserta didik dilihat dari respon peserta didik yang positif, dan (3) bahan ajar berbasis *assisted learning* yang efektif untuk pembelajaran dilihat dari peningkatan hasil belajar peserta didik berkebutuhan khusus.

Kata Kunci : LKPD, hasil belajar, *assisted learning*