

ABSTRAK**PENGEMBANGAN PROTOTIPE RANCANGAN PEMBELAJARAN TEMATIK MATEMATIKA MATERI PERKALIAN DAN PEMBAGIAN BILANGAN BULAT MELALUI MEDIA KOMIK UNTUK KELAS III SD**

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Penelitian ini dilakukan karena adanya potensi dan masalah yang berkaitan dengan pembelajaran tematik Matematika dan Bahasa Indonesia pada Kurikulum 2013 di kelas III SD. Wawancara guru menyatakan bahwa 22 dari jumlah 27 peserta didik belum mencapai nilai KKM. Berdasar kuesioner yang dibagikan pada 27 peserta didik kelas III SD, 77.8% atau 17 peserta didik menyatakan sulit memahami perkalian bilangan bulat dan 74.1% atau 20 peserta didik menyatakan sulit memahami pembagian bilangan bulat. Penelitian ini merupakan penelitian dan pengembangan (R&D) yang bertujuan untuk mengembangkan Prototipe Rancangan Pembelajaran Tematik Matematika Materi Perkalian dan Pembagian Bilangan Bulat melalui Media Komik untuk kelas III SD; dan mendeskripsikan kualitas dari prototipe tersebut.

Pengembangan prototipe dalam penelitian ini menggunakan 6 langkah pengembangan dari Borg dan Gall yang telah dimodifikasi meliputi: (1) Potensi dan Masalah, (2) Pengumpulan data, (3) Desain Produk, (4) Validasi produk, (5) Revisi desain, (6) Uji coba produk. Validasi dilakukan oleh 3 validator dan mendapat skor rata-rata 3.7 yang masuk dalam kategori sangat baik sehingga prototipe layak untuk diujicobakan.

Uji coba terbatas dilakukan peneliti kepada 15 peserta didik kelas III SD N Tegalrejo 2. Materi yang diujicobakan adalah perkalian bilangan bulat menggunakan media komik “Belajar Konsep Perkalian melalui Periode Iklim Subtropis”. Dari hasil refleksi, 100% peserta didik menyatakan menjadi tahu tentang konsep perkalian. Dari hasil evaluasi soal perkalian, 53.3% peserta didik mendapat nilai 100 dan 46.7% peserta didik mendapat nilai 80.

Kata kunci: Rancangan Pembelajaran, Matematika, Perkalian dan Pembagian Bilangan Bulat, Komik

ABSTRACT***PROTOTYPE DEVELOPMENT OF MATHEMATICS THEMATIC LEARNING DESIGN
IN MULTIPLICATION AND DIVISION OF INTEGERS MATERIALS THROUGH
COMICS MEDIA FOR THE THIRD GRADE OF ELEMENTARY SCHOOL***

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This research was conducted because of the potentials and problems related to thematic learning of Mathematics and Indonesian Language at the Curriculum 2013 in the third grade of elementary school. The teacher's interview stated that 22 out of 27 students had not reached the KKM score. Based on the questionnaires which distributed to 27 students of elementary school, 77.8% or 17 students difficult to understand the multiplication of integer and 74.1% or 20 students difficult to understand the division of integers. This research is a research and development (R & D) which aimed to develop Prototype of Mathematics Thematic Material Design Multiplication and Division of Integer through Comic Media for third grade of elementary school; and describes the quality of the prototype.

The prototype development in this study used 6 modified development steps from Borg and Gall including: (1) Potentials and Problems, (2) Data Collection, (3) Product Design, (4) Product Validation, (5) Design Revision, (6) Product Test. Validation is done by 3 validation experts and got an average score of 3.7 that include into very good category so that prototype is proper to be tested.

A limited trial conducted by researcher to 15 students of the third grade of Tegalrejo 2 elementary school. The material tested is multiplication of integers using the comic media "Learning the Concept of Multiplication through Subtropical Climate Period". From the results of reflection, 100% of students claimed to know about the concept of multiplication. From the evaluation of multiplication, 53.3% of students got score 100 and 46.7% of the students got score 80.

Keywords: Learning Design, Math, Multiplication and Division of Integers, Comics