

## ABSTRAK

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

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Potensi penelitian ini adalah pembelajaran tematik Matematika dan Bahasa Indonesia di kelas 3, tema 3, subtema 3. Materi Matematika membahas tentang perkalian dan pembagian bilangan bulat, sedangkan materi Bahasa Indonesia berkaitan dengan membaca tentang “perubahan musim”. Dari hasil kuesioner yang dibagikan kepada 25 peserta didik kelas 3, peneliti mendapatkan data: 80% peserta didik mengalami kesulitan memahami bilangan bulat dan perkalian serta 68% sulit memahami pembagian. Peneliti terdorong mengembangkan bacaan berupa komik tentang perubahan musim yang berisi konsep bilangan bulat, perkalian dan pembagian. Media komik tersebut dapat menjadi bagian dari prototipe RPP tematik yang peneliti kembangkan. Tujuan penelitian ini 1) menjelaskan prosedur pengembangan, 2) mendeskripsikan kualitas prototipe.

Prototipe disusun dengan menggunakan 7 langkah penelitian Borg dan Gall, yaitu: 1) potensi dan masalah, 2) pengumpulan data, 3) desain produk, 4) validasi desain, 5) revisi desain, 6) uji coba produk dan 7) revisi produk. Validasi prototipe dilakukan oleh 3 validator, skor rata-rata yang didapat adalah 3.55 (dari rentang 1-4) artinya sangat baik, sehingga prototipe layak diujicobakan setelah direvisi.

Uji coba terbatas dilakukan di kelas 3B SD N Tegalrejo 2, diikuti 14 peserta didik. RPP tematik yang diujicobakan adalah materi bilangan bulat yang menggunakan media komik “Ayo Menenal Bilangan Bulat melalui Musim Kemarau”. Dari hasil evaluasi, 100% peserta didik mendapat nilai 100 untuk materi bilangan bulat. Dari hasil refleksi, 86% peserta didik menulis bahwa media komik membantu mereka memahami konsep bilangan bulat.

**Kata kunci: rancangan pembelajaran, Matematika, bilangan bulat, perkalian, pembagian, Bahasa Indonesia, membaca, komik**

*ABSTRACT*

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

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The potential of this research is Mathematical thematic learning and Indonesian language in third grade, topic 3, subtheme 3. Math subjects explain about multiplication and division of integers, then Indonesian language is reading about “season change”. The result of questioner is shared to 25 grade 3 learner, researcher get data: 80% learner is difficult to study about integers and multiplication with 68% learner is difficult in division. Researchers are encouraged to develop comic readings about seasonal changes that contain the concept of round, multiplication and division. This comic medium could be part of the thematic RPP prototype that the researchers developed. Research which aims to 1) explain the development procedure, 2) describes the quality of prototype.

There were seven steps applied throughout according to Borg and Gall, including: 1) the potentiality and problems, 2) data collection, 3) product design, 4) design validation, 5) design revision, 6) product testing and 7) design product. Validation do with 3 validator with average score 3.55 (from range 1-4) means very good so, prototype feasible tested after being revised.

The experiment was conducted by researcher at SD N Tegalrejo 2 class 3B to 14 learners. Themed RPP is a matter of integers using comic media “Let’s know the integers through the summer”. From the results of the evaluation, 100% of learners received a value of 100 for the matter of integers. From the results of reflection, 86% of the students wrote that the comic media helped them understand the concept of integers.

**Keywords: learning design, Mathematic, integers, multiplication, division, Indonesian language, reading, comic.**