

**ABSTRAK****PENGEMBANGAN PROTOTIPE RANCANGAN PEMBELAJARAN  
TEMATIK MATEMATIKA MATERI PENJUMLAHAN DAN  
PENGURANGAN BILANGAN CACAH MELALUI MEDIA LAGU  
UNTUK KELAS I SEKOLAH DASAR**

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Penelitian ini merupakan penelitian dan pengembangan yang berawal dari adanya potensi dan masalah. Potensinya pembelajaran tematik kelas I pada mata pelajaran Matematika (penjumlahan dan pengurangan bilangan cacah sampai 20) dan lagu (Bahasa Indonesia). Masalah yang didapatkan oleh peneliti dari hasil wawancara dengan guru adalah siswa mengalami kesulitan memahami materi penjumlahan dan pengurangan. Dari hasil kuesioner yang dibagikan kepada 23 siswa kelas I SD, peneliti mendapatkan data: 65.2% siswa kesulitan dalam belajar materi penjumlahan dan pengurangan bilangan cacah sampai 20, 5.7% siswa tidak berminat belajar materi penjumlahan dan pengurangan. 47.4% siswa tertarik belajar Matematika dengan media lagu. “Pengembangan prototipe rancangan pembelajaran tematik Matematika materi penjumlahan dan pengurangan bilangan cacah melalui media lagu untuk kelas I Sekolah Dasar”. Tujuannya untuk mendeskripsikan prototipe dan mengetahui kualitas prototipe.

Penelitian ini menggunakan enam langkah pengembangan Sugiyono yang meliputi: (1) potensi dan masalah, (2) pengumpulan data, (3) desain produk, (4) validasi desain, (5) revisi desain dan (6) uji coba produk. Prototipe divalidasi oleh 3 validator (dosen Matematika, dosen Seni Musik, dan Guru kelas 1 SD). Skor rata-rata dari 3 validator adalah 3.33 (dari rentang 1-4) berarti “baik” sehingga prototipe layak diuji cobakan.

Uji coba dilakukan di SDN Perumnas Condongcatur. Dihadiri 23 siswa. RPP dan lagu yang diuji cobakan adalah tentang penjumlahan. Dari hasil evaluasi, peneliti mendapatkan data ada 91.30% (21 siswa) mendapat nilai tentang penjumlahan diatas KKM 75. Dari hasil refleksi didapatkan data ada 91.30% siswa senang belajar materi penjumlahan dengan media lagu,

**Kata Kunci:** penelitian dan pengembangan, rancangan pembelajaran tematik, matematika, media lagu.

**ABSTRACT****DEVELOPING A LESSON PLAN PROTOTYPE FOR MATH THEMATIC LEARNING OF WHOLE NUMBER SUMMATION AND SUBTRACTION MATERIALS THROUGH SONGS FOR THE FIRST GRADE PRIMARY SCHOOL STUDENTS**

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*This research and development was based on the potential and problems. The potential was related to thematic learning on Math for the first grader, which material was summation and subtraction up to number 20 through Indonesian songs. The problem that was identified based on the results of the interview with the teacher was student experience difficulty in comprehending, especially about summation and subtraction. Based on the questionnaires that were distributed to 23 first grade students, the results showed that 65.2% of the students difficulty in learning about summation and subtraction up to 20, 5.7% of the students had low motivation in learning about summation and subtraction, and 47.4% of the students interested in learning Math song as the media. "Development of lesson plan prototype for Math thematic learning of whole number summation and subtraction materials through songs for the first grade Primary School students". The research objectives were to develop the lesson plan and know the lesson plan quality.*

*This research employed Sugiyono's six steps of development, those were: (1) potential and problem, (2) data collection, (3) product design, (4) design validation, (5) design revision, and (6) product implementation. The prototype is validated by 3 validators (Mathematics lecturer, Musik Art lecturer, and 1<sup>st</sup> grade elementary school teacher). The average score of 3 validators is 3.33 (from range 1-4) means "good" so the prototype is worthy of being tested.*

*The trial conducted at SDN Perumnas Condongcatur. Attended by 23 students. The RPP and the tested song are about the sum. The result from the evaluation, the researcher got 91.30% (21 students) got the value of the sum above KKM 75. Based on the result of the reflection, there are 91.30% of the students enjoy learning the material of addition with the song media.*

**Keywords:** *research and development, thematic lesson plan, math, songs*