

ABSTRAK

PENGEMBANGAN PROTOTIPE RANCANGAN PEMBELAJARAN TEMATIK MATEMATIKA MATERI SUDUT DENGAN MENGGUNAKAN TARIAN UNTUK KELAS IV SEKOLAH DASAR

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Penelitian ini berawal dari potensi dan masalah terkait pembelajaran tematik kelas IV SD semester I tentang Matematika materi sudut dan tarian (SBdP). Dari hasil wawancara dengan guru kelas IV SD, peneliti mendapatkan informasi bahwa guru mengalami kesulitan mengintegrasikan materi sudut ke dalam tarian. Hasil kuesioner yang dibagikan kepada 30 peserta didik kelas IV SD peneliti mendapatkan data: 40.02% peserta didik mengalami kesulitan untuk menentukan sudut, 44.17% peserta didik sulit mengingat materi sudut selama kegiatan belajar mengajar, 72.47% peserta didik menginginkan adanya pembelajaran Matematika dengan mengintegrasikan seni tari.

Oleh karena itu, peneliti tertarik untuk mengembangkan “Prototipe Pengembangan Pembelajaran Tematik Matematika Materi Sudut dengan Menggunakan Tarian untuk Kelas IV Sekolah Dasar” dengan memodifikasi 6 dari 10 langkah dan prosedur pengembangan penelitian Borg dan Gall dalam Sugiyono, yaitu: 1) potensi dan masalah, 2) pengumpulan data, 3) desain produk, 4) validasi desain, 5) revisi desain, 6) uji coba produk. Prototipe divalidasi oleh 3 validator. Skor rata-rata yang diperoleh dari ketiga validator yaitu 3.37 dengan kategori “sangat baik” (Skala 4) sehingga layak diujicobakan.

Uji coba terbatas dilakukan peneliti kepada 15 peserta didik kelas IV di SD Negeri Deresan. Peneliti mengajarkan materi sudut dilanjutkan dengan pembelajaran SBdP (Tarian Susitulip). Ada 10 gerakan dasar dalam tarian “Susitulip” yang membentuk sudut. Hasil refleksi, peneliti mendapatkan data 86.6% peserta didik senang mempelajari materi sudut dengan menggunakan tarian. Dari hasil evaluasi, peneliti mendapatkan data: 60% peserta didik mendapatkan nilai 100 (9 peserta didik) mampu mengukur dan menentukan jenis sudut, 40% peserta didik mendapatkan nilai 75 (4 peserta didik) mampu mengukur sudut, 18 % peserta didik mendapatkan nilai 87.5 (2 peserta didik) mampu menentukan jenis sudut.

Kata kunci: Penelitian dan Pengembangan, perangkat pembelajaran, Matematika, sudut, tarian.

ABSTRACT

**DEVELOPMENT OF MATHEMATICAL THEMATIC LEARNING DESIGN PROTOTYPE
ON ANGLE MATERIAL USING DANCE FOR 4TH GRADE OF ELEMENTARY SCHOOL**

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This research began from potential and problem related to thematic learning of 1st semester of 4th grade of elementary school about angle material in mathematics and dance (SBdP). From the result of interview with 4th grade teacher, researcher got information that teacher had difficulty to integrate angle material into dance. The result of questionnaire that distributed to 30 students of 4th grade showed that: 40.02% of students had difficulty to determine angle, 44.17% of students had difficulty to remember angle material during teaching and learning activities, 72.47% of students wanted mathematic learning that integrate dance lessons.

Therefore, researcher interested to develop “Mathematical Thematic Learning Design Prototype on Angle Material Using Dance for 4th Grade of Elementary School” that modified 6 from 10 steps and procedure of development research of Borg and Gall in Sugiyono, which are: 1) potential and problem, 2) data collection, 3) product design, 4) design validation, 5) design revision, 6) product trial. The prototype validated by 3 validators. Average score obtained is 3.37 with “very good” category (scale 4) that proper to be trialled.

Limited trial has been conducted by researcher to 15 students of 4th grade students on SD Negeri Deresan. Researcher taught angle material followed by SBdP learning activities (Susitulip Dance). There were 10 basic movements in Susitulip Dance that form angle. From the students reflection, researcher got the data that 86.6% of students were happy to learn angle material using dance. From the evaluation, researcher got data that 60% of students got perfect score (9 students) capable to measure and determine types of angle, 40% of students got score of 75 (4 students) capable to measure angle, 18 % of students got score of 87.5 (2 students) capable to determine the types of angle.

Keywords: Research and Development, Learning Devices, Mathematics, Angle, Dance.