

## ABSTRAK

**Dela Yulanda Sari. 181414042. 2022. Kajian Etnomatematika Aktivitas Kebudayaan Masyarakat Dusun Baran Wetan Kecamatan Rongkop Gunungkidul Dan Implementasinya Pada Lembar Kerja Peserta Didik Di SD Negeri Baran 1. Program Studi Pendidikan Matematika. Universitas Sanata Dharma, Yogyakarta.**

Tujuan penelitian ini adalah untuk mengetahui aspek aktivitas fundamental matematis menurut Bishop dalam kegiatan masyarakat Dusun Baran Wetan, Kecamatan Rongkop Gunungkidul, dan untuk membuat LKPD berbasis etnomatematika aktivitas kebudayaan masyarakat Dusun Baran Wetan Kecamatan Rongkop.

Jenis penelitian pada penelitian ini melalui dua tahapan yang pertama kualitatif deskriptif dan penelitian pengembangan menggunakan model 4-D. tahap pertama akan menghasilkan kajian aktivitas fundamental matematis menurut bishop berupa *counting, locating, measuring, design, playing, explaining* pada aktivitas kebudayaan Dusun Baran meliputi Rasulan, Wayangan, Karawitan dan Gumbregan . Pada tahap kedua akan menghasilkan LKPD berbasis etnomatematika Aktivitas kebudayaan Dusun Baran bagi siswa kelas IV Sekolah Dasar Negeri Baran 1. Instrumen yang digunakan dalam penelitian ini adalah wawancara dan observasi serta mengumpulkan dokumentasi

Hasil penelitian menunjukkan bahwa terdapat enam aktivitas fundamental matematis menurut bishop pada setiap kegiatan kebudayaan yang ada di Dusun Baran. Berdasarkan hasil kajian tersebut peneliti melakukan pemetaan materi matematika yang relevan bagi siswa kelas IV Sekolah Dasar Negeri Baran 1 sehingga menghasilkan lembar kerja peserta didik (LKPD) berbasis etnomatematika aktivitas kebudayaan di desa Baran. Lembar kerja yang dibuat dalam penelitian ini dinyatakan layak di uji cobakan dengan hasil validasi tahap akhir memperoleh presentasi materi 91,1% dan media 93,89% pada kategori Sangat Valid (dapat digunakan tanpa revisi).

**Kata kunci** : Etnomatematika, Rasulan, Gumbregan, Wayang, Karawitan, Lembar Kerja Peserta Didik

## ABSTRACT

***Dela Yulanda Sari. 181414042. 2022. An Ethnomatematics Study on The Cultural Activities of People in Baran Wetan Village, Rongkop district Gunkidul Regency and The Implementation on Student Worksheet in Elementary School 1 Baran. Mathematics Education Study Program. Sanata Dharma University, Yogyakarta.***

*The purpose of this study was to determine the aspects of mathematical fundamental activities according to Bishop in the activities of the Baran Wetan village, Rongkop district Gunungkidul regency, and to create an ethnomathematical LKPD (worksheet) based on the cultural activities of the people of Baran Wetan.*

*The type of research in this study went through two stages, the first was descriptive qualitative and development research using a 4-D model. The first stage will result in a study of mathematical fundamental activities according to Bishop in the form of counting, locating, measuring, design, playing, explaining the cultural activities of Dusun Baran including Rasulan, Wayang, Karawitan and Gumbregan. In the second stage, it will produce an ethnomathematics-based LKPD. Cultural activities of Dusun Baran for grade IV students of Baran State Elementary School 1. The instruments used in this study were interviews and observations and collecting documentation.*

*The results showed that there were six mathematical fundamental activities according to the bishop in each cultural activity. in Baran Hamlet. Based on the results of the study, the researchers mapped the relevant mathematical material for grade IV students of the Baran 1 State Elementary School to produce student worksheets (LKPD) based on the ethnomathematics of cultural activities in the village of Baran. The worksheets made in this study were declared feasible to be tested with the results of the final validation stage obtaining a material presentation of 91.1% and media 92.22% in the Very Good category.*

***Keywords :*** Ethnomathematics, Rasulan, Gumbregan, Wayang, Karawitan, Student Worksheet