

**LAPORAN AKHIR PENELITIAN
PNBP FMIPA UNM**



**PENGARUH MODEL PEMBELAJARAN BERBASIS
MASALAH DENGAN PENDEKATAN *PROBLEM POSING*
TERHADAP KREATIVITAS MATEMATIKA PADA
PESERTA DIDIK KELAS VIII SMP NEGERI 5
PALLANGGA KABUPATEN GOWA**

KETUA/ANGGOTA TIM

Dr. Alimuddin, M.Si. **NIDN : 0031126369**
Prof. Dr. Nurdian Arsyad, M.Pd. **NIDN : 0024046705**

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Ketua Peneliti :

- a. Nama Lengkap : Dr. Alimuddin, M.Si
- b. NIP/NIDN : 196312311988031030/0031126369
- c. Jabatan Fungsional : Lektor Kepala
- d. Program Studi : Pendidikan Matematika
- e. Nomor HP : 085234349472
- f. Alamat surel (e-mail) : alimuddin3112@gmail.com

Anggota Peneliti :


- a. Nama lengkap : Prof. Dr. Nurdian Arsyad, M.Pd
- b. NIP/NIDN : 196704024 199203 1 002 / 0024046705
- c. Pergerakan Tinggi : Universitas Negeri Makassar

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Makassar, 19 November 2019



Ketua Peneliti,


Dr. Alimuddin, M.Si
NIP. 196312311988031030

Menyetujui,

Ketua Lembaga Penelitian dan Pengabdian Kepada Masyarakat
Universitas Negeri Makassar

(Prof. Dr. Ir. Bakhriani A. Rauf, M. T)
NIP. 19611016 198803 1 006

SUMMARY

This study aims to determine the picture of learning outcomes, student activities, student responses, and student learning outcomes improvement. In addition, inferential aims to determine the Effect of Problem-Based Learning Model with Problem Posing Approach Against Mathematical Creativity in Class VIII Students of SMP Negeri 5 Pallangga, Gowa Regency. To achieve the research objectives quasi-experimental research was carried out, using "one group pretest-posttest design".

The population in this study were students of the 5th grade Junior High School Pallangga Gowa Regency 2018/2019 with a total of 68 students. The study involved one experimental class, class VIII B consisting of 24 students selected by cluster random sampling technique. The experimental class was treated by applying Problem Based Learning. The instruments used were tests of students' mathematical creativity, observation sheets of learning accomplishments, and observation sheets of student activities. The data obtained were analyzed using descriptive statistical analysis and inferential statistical analysis using One sample t-test analysis.

The results showed that (1) the students' mathematical creativity before applying the problem-based learning model with the problem posing approach in class VIII B students at SMP Negeri 5 Pallangga Gowa Regency were in the creative category of 23 students and in the less creative category were 1 student. (2) Mathematical creativity of students after applying the problem-based learning model with the problem posing approach in VIII B students of SMP Negeri 5 Pallangga Gowa Regency is in the very creative category of 1 student, in the creative category of 5 students, in the creative enough category of 17 students and in the less creative category were 1 student. (3) The description of student learning activities after applying the problem-based learning model to the problem posing approach in VIII B grade students of Polewali 7 Junior High School as a whole is in the active category. (4) Problem-based learning model with problem posing approach has a positive effect on the creativity of students of class VIII B, SMP Negeri 5 Pallangga, Gowa Regency with a gain value of 0.3 and is in the medium category.

Keyword: *Problem Based Learning with Problem Posing Approach, Student' Mathematics Creativities*

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