

ABSTRAK

EKSPLORASI POLA KOMUNIKASI MATEMATIS SISWA DALAM PEMBELAJARAN MATEMATIKA PADA MATERI ALJABAR DI KELAS VII SMP

Oleh

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Penelitian ini dilatarbelakangi oleh rendahnya komunikasi matematis lisan siswa serta belum optimalnya perhatian guru terhadap aspek tersebut dalam proses pembelajaran matematika. Penelitian ini bertujuan untuk mendeskripsikan pola komunikasi matematis siswa khususnya komunikasi matematis lisan pada materi aljabar. Penelitian ini merupakan penelitian *basic qualitative study*. Subjek penelitian adalah 12 siswa kelas VII-7 SMP Negeri 26 Bandar Lampung semester ganjil tahun pelajaran 2025/2026 yang dikelompokkan ke dalam kelompok siswa dengan kemampuan matematis tinggi, sedang, rendah dan campuran. Pengumpulan data dilakukan dengan observasi dan wawancara. Keabsahan data dipastikan dengan triangulasi. Analisis data dilakukan melalui tiga proses, yaitu kondensasi data, penyajian data dan penarikan kesimpulan. Hasil penelitian ini menunjukkan bahwa (1) pola komunikasi yang dominan muncul adalah pola komunikasi dua arah; (2) indikator komunikasi matematis lisan yang dominan muncul selama pembelajaran matematika adalah interaksi lisan bagian siswa mampu bertanya untuk memperjelas pemahaman.

Kata Kunci: pola komunikasi, komunikasi matematis, komunikasi matematis lisan

ABSTRACT

EXPLORATION OF STUDENTS' MATHEMATICAL COMMUNICATION PATTERNS IN MATHEMATICS LEARNING ON ALGEBRA MATERIAL IN VII GRADE JUNIOR HIGH SCHOOL

By

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This study was motivated by students' low level of oral mathematical communication and teachers' insufficient attention to this aspect in the mathematics learning process. This study aimed to describe students' mathematical communication patterns, particularly oral mathematical communication in algebra. This study is basic qualitative study. The subjects of this study were 12 students of class VII-7 SMP Negeri 26 Bandar Lampung in the odd semester of the 2025/2026 academic year, who were grouped into group of students with high, medium, low, and mixed mathematical skills. Data collection was conducted through observation, and interviews. Data validity was ensured through triangulation. Data analysis was carried out through three processes, namely data condensation, data display, and conclusion drawing. The results of this study indicate that (1) the dominant communication pattern that emerged was a two-way and multi-way communication pattern; (2) the dominant indicator of oral mathematical communication during mathematics learning was verbal interaction in which students were able to ask questions to clarify their understanding.

Keywords: *communication patterns, mathematical communication, oral mathematical communication*