

**PENINGKATAN KEMAMPUAN LITERASI MATEMATIKA SISWA KELAS
XI AP 2 SMK NEGERI 1 TAMPAKSIRING BERBASIS
ETNOMATEMATIKA MELALUI *BLENDED LEARNING***

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ABSTRAK

Tujuan penelitian ini adalah mendeskripsikan peningkatan kemampuan literasi matematika dan tanggapan siswa kelas XI AP 2 SMKN 1 Tampaksiring melalui pembelajaran berbasis etnomatematika melalui *blended learning*. Penelitian ini adalah penelitian tindakan kelas kolaboratif yang dilaksanakan dalam tiga siklus. Subjek penelitian ini adalah siswa kelas XI AP 2 SMKN 1 Tampaksiring sebanyak 34 orang pada semester genap Tahun Ajaran 2019/2020. Data kemampuan literasi matematika diambil melalui tes kemampuan literasi matematika serta tanggapan siswa melalui angket. Analisis data dilakukan secara deskriptif. Hasil penelitian ini diperoleh persentase kemampuan literasi matematika tergolong tuntas meningkat setiap siklus. Persentase kemampuan literasi matematika pada siklus I, II, dan III berturut-turut: 29.41%, 55.88%, dan 73.53%. Rata – rata skor tanggapan siswa 63.08 termasuk dalam katagori positif. Peningkatan kemampuan literasi matematika karena: (1) siswa mempelajari materi secara mandiri melalui video pembelajaran pada kelas *online* sehingga siswa lebih siap sebelum pembelajaran tatap muka dimulai, (2) pada diskusi *online* siswa diberi kesempatan untuk aktif berpendapat dan siswa dapat mengkontruksi pengetahuannya sendiri, melalui soal yang diberikan pada LKS (3) melalui *blended learning* siswa belajar dari sumber yang tak terbatas, (4) melalui etnomatematika siswa diarahkan bisa menemukan keterkaitan materi berdasarkan lingkungan sekitar mereka.

Kata kunci: kemampuan literasi matematika, etnomatematika, *blended learning*.

**THE INCREASE OF MATHEMATICS LITERACY SKILLS OF GRADE 11TH
AP 2 STUDENTS IN SMK NEGERI 1 TAMPAKSIRING BASED ON
ETHNOMATHEMATICS THROUGH BLENDED LEARNING**

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ABSTRAK

The purpose of this research is to describe the improvement of mathematical literacy skills and student responses of students grade IX AP 2 SMKN 1 Tampaksiring towards learning based ethnomathematics through blended learning. This research is a classroom action research collaboration conducted in three cycles. The subjects of this research were students grade XI AP 2 SMK 1 Tampaksiring as much as 34 persons in the second semester of the academic year 2019/2020. The data of mathematical literacy skills were collected through mathematical literacy skill test and student responses through questionnaire. The data analysis were conducted descriptively. The results of research were obtained for the mathematical literacy in complete relatively that increase in each cycle. The improvement cycles I, II, and III respectively: 29.41%, 55.88%, and 73.53%. The average of student responses score 63.08 were included into positive category. The improvements of mathematical literacy skills due to: (1) students study material before the learning face to face process started, (2) students are given the opportunity to be actively argue and construct their own knowledge, (3) through blended learning, students learned from infinite sources, (4) through ethnomathematics, students were directed to be able in finding material linkages based on their surroundings.

Kata kunci: *mathematical literacy skills, ethnomathematics, blended learning, blended learning,*