

**PENERAPAN *BLENDED LEARNING* BERBANTUAN VIDEO TUTORIAL
UNTUK MENINGKATKAN KEMANDIRIAN BELAJAR DAN PRESTASI
BELAJAR MATEMATIKA SISWA KELAS VIII A1 SMP NEGERI 1
SINGARAJA**

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ABSTRAK

Penerapan *Blended Learning* berbantuan Video Tutorial dalam proses pembelajaran matematika adalah salah satu alternative yang dapat digunakan untuk membantu dalam meningkatkan kemandirian dan prestasi belajar matematika siswa. Penelitian ini dilaksanakan dalam tiga siklus yang masing-masing siklus terdiri atas empat tahap, yaitu (1) perencanaan tindakan, (2) pelaksanaan tindakan, (3) observasi dan evaluasi, dan (4) refleksi. Subjek penelitian ini adalah siswa kelas VIII A1 SMP Negeri 1 Singaraja tahun ajaran 2019/2020 sebanyak 32 orang siswa. Pengumpulan data kemandirian belajar matematika siswa dilakukan menggunakan lembar observasi, sedangkan pengumpulan data prestasi belajar matematika siswa menggunakan tes prestasi belajar dalam bentuk uraian. Hasil dari penelitian ini yaitu persentase skor kemandirian belajar matematika siswa mengalami peningkatan pada setiap siklus yaitu 51,11%, 64,86% dan 65,68% dimana pada akhir siklus kemandirian belajar matematika siswa berada pada kategori baik. Skor rata-rata dari tes prestasi belajar matematika siswa dari siklus ke siklus yaitu 46,06, 71,06, dan 83,75 dimana persentase ketuntasan belajar klasikal siswa pada setiap siklusnya adalah 25,00%, 62,50% dan 84,38%. Hal ini menunjukkan bahwa penerapan *Blended Learning* berbantuan Video Tutorial mampu meningkatkan kemandirian belajar dan prestasi belajar matematika siswa.

Kata-kata kunci: *blended learning*; video tutorial; kemandirian belajar; prestasi belajar

**THE USE OF BLENDED LEARNING ASSISTED BY TUTORIAL VIDEO TO
INCREASE LEARNING INDEPENDENCE AND MATHEMATICS
LEARNING ARCHIVEMENT OF GRADE 8TH A1 STUDENTS IN SMP
NEGERI 1 SINGARAJA**

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ABSTRACT

The implementation of Blended Learning assisted by Tutorial Video in mathematics learning process is one of the alternatives which can be used to help in improving students' independence and mathematics learning achievements. Three cycles in which each of them consists of four stages were done in this research, namely (1) action planning, (2) action implementation, (3) observation and evaluation, and (4) reflection. The research subjects were 32 students in A1 class of the 2nd grade in SMP Negeri 1 Singaraja in the year of 2019/2020. Observation sheet was used in collecting the data of students' independence of mathematics learning, while learning achievement test in the form of essay was used in collecting the data of students' mathematics learning achievements. The result of this research showed there were improvements in students' independence of mathematics learning, specifically 51,11%, 64,86% and 65,68% where at the end of the cycle, students' independence of mathematics learning were categorized good. The average scores of students' mathematics learning achievements from cycle to cycle were 46,06, 71,06, and 83,75 where the percentage of students' classical learning completeness at the end of the cycle was 84,38%. It showed that the implementation of Blended Learning assisted by Tutorial Video can improve students' independence of learning and mathematics learning achievements.

Keywords: *blended learning; tutorial video; independence of learning; learning achievements*