

ABSTRAK

Adinda Aulia Putri, NIM 4173311002 (2017), Pengaruh Pendekatan Open ended Berbantuan Video Animasi Terhadap Kemampuan Berpikir Kreatif Matematis Siswa Dikelas VIII SMP Negeri 2 Kualuh Selatan.

Penelitian ini bertujuan untuk mengetahui pengaruh pendekatan open ended berbantuan video animasi terhadap kemampuan berpikir kreatif matematis siswa kelas VIII SMP Negeri 2 Kualuh Selatan. Penelitian ini merupakan penelitian quasi eksperimen. Sampel dalam penelitian adalah peserta didik kelas VIII SMP Negeri 2 Kualuh Selatan yaitu 34 siswa kelas VIII-1 sebagai kelas eksperimen dan 34 siswa kelas VIII-2 sebagai kelas kontrol. Teknik pengumpulan data menggunakan observasi, tes yaitu tes awal (pre-test) dan tes akhir (post-test) dan dokumentasi. Teknik analisis data menggunakan uji prasyarat (Uji Normalitas dan Uji Homogenitas) dan Uji Hipotesis. Dan hasil penelitian dengan menggunakan uji hipotesis menggunakan uji-t diperoleh harga t_{hitung} (2,098) setelah dibandingkan dengan t_{tabel} (1,998), ternyata harga t_{hitung} (2,098) > t_{tabel} (1,998) sehingga H_a diterima dan H_0 ditolak. Hal ini berarti pendekatan open ended berbantuan video animasi efektif terhadap kemampuan berpikir kreatif matematis siswa kelas VIII SMP Negeri 2 Kualuh Selatan.

Kata kunci : Pendekatan Open ended, Kemampuan Berpikir Kreatif Matematis, Video Animasi.

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ABSTRACT

Adinda Aulia Putri, NIM 4173311002 (2017), The Influence of an Open-ended Approach Assisted by Animated Videos on Mathematical Creative Thinking Ability of Class VIII Students of SMP Negeri 2 Kualuh Selatan.

This study aims to determine the effect of an open-ended approach assisted by animated videos on the mathematical creative thinking skills of eighth grade students of SMP Negeri 2 Kualuh Selatan. This research is a quasi-experimental research. The sample in this study were students of class VIII of SMP Negeri 2 Kualuh Selatan, namely 34 students of class VIII-1 as the experimental class and 34 students of class VIII-2 as the control class. Data collection techniques using observation, tests, namely the initial test (pre-test) and the final test (post-test) and documentation. The data analysis technique used prerequisite tests (Normality Test and Homogeneity Test) and Hypothesis Testing. And the results of the research using hypothesis testing using t-test obtained the value of t_{count} (2,098) after being compared with t_{table} (1,998), it turns out that the price of t_{count} (2,098) > t_{table} (1,998) so H_a is accepted and H_0 is rejected. This means that the open-ended approach assisted by animated videos is effective on the mathematical creative thinking skills of eighth grade students of SMP Negeri 2 Kualuh Selatan.

Keywords: Open ended approach, Mathematical Creative Thinking Ability, Video Animation.

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