

PENGARUH MODEL *PROBLEM BASED LEARNING* BERBANTUAN VIDEO TERHADAP KETERAMPILAN BERPIKIR KRITIS PADA SISWA SMP

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ABSTRAK

Judul dari penelitian ini adalah “Pengaruh *Model Problem Based Learning* Berbantuan Video terhadap Keterampilan Berpikir Kritis Siswa SMP”. Penelitian ini bertujuan untuk menganalisis pengaruh model *Problem Based Learning* berbantuan video terhadap keterampilan berpikir kritis pada peserta didik SMP. Tema yang digunakan dalam penelitian ini adalah Pemanasan Global.

Desain penelitian ini adalah *quasi experiment* bentuk *nonequivalent control group design*. Populasi penelitian ini adalah seluruh peserta didik kelas VII (A,B,C,D,E,dan F) SMP Negeri 2 Gamping. Sampel dalam penelitian ini menggunakan dua kelas, yaitu VIIB sebagai kelas kontrol dan kelas VIID sebagai kelas eksperimen yang ditentukan dengan teknik *cluster random sampling*. Instrumen yang digunakan dalam penelitian ini adalah (1) lembar keterlaksanaan pembelajaran di kelas eksperimen dan kelas kontrol, (2) lembar observasi keterampilan berpikir kritis, (3) soal *pretest* dan *posttest* berpikir kritis. Teknik analisis data meliputi uji prasyarat dan uji hipotesis. Uji prasyarat penelitian berupa uji normalitas dan uji homogenitas menggunakan program SPSS 16. Uji hipotesis berupa uji *Paired T Test*, *Independent T Test*, dan *effect size*.

Hasil penelitian didapatkan uji *Paired T Test* diperoleh nilai Sig. (2-tailed) $0,000 < 0,025$ dan uji *Independent T Test* diperoleh nilai Sig. (2-tailed) $0,001 < 0,025$. Besar perhitungan effect size didapatkan d Cohen = 0,91 termasuk dalam kriteria besar. Sehingga didapatkan hasil penelitian adanya pengaruh yang signifikan pada model *problem based learning* berbantuan video terhadap keterampilan berpikir kritis.

Kata kunci : keterampilan berpikir kritis, model *problem based learning* berbantuan video

THE INFLUENCE OF VIDEO ASSISTED-PROBLEM BASED LEARNING MODEL ON JUNIOR HIGH SCHOOL STUDENTS' CRITICAL THINKING SKILL

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ABSTRACT

The title of this research is "The Influence of Video Assisted-Problem Based Learning Model on Junior High-School Students' Critical Thinking Skill". The purpose of this research is to analyze the influence of video assisted-problem based learning model on junior high school students' critical thinking skill. The theme that is used in this research is Global Warming.

The design of this research is quasi-experimental research in the form of nonequivalent control group design. The population of this research is consisted of all seventh grade (A, B, C, D, E, and F) high school students of SMP Negeri 2 Gamping. The samples of this research included two classes, B class as a control class and D class as an experiment class. The samples are determined by cluster random sampling technique. The instruments that are used in this research consist of (1) observation form to assess learning process in experiment and control class, (2) critical thinking skill observation form, (3) pretest-posttest of critical thinking. The data are analyzed by pre-conditional and hypotheses test. Pre-conditional test that consist of homogeneity and normality test are analyzed with SPSS 16. Hypotheses test consist of Paired T Test, Independent T Test and effect size.

The result of this research showed that Paired T Test Sig. (2-tailed) $0,000 < 0,025$ and Independent T Test Sig. (2-tailed) $0,001 < 0,025$. Effect size calculation obtained Cohen = 0,91 , which have big influence. From that result, this research shows that video assisted- problem based learning model significant influences junior high school students' critical thinking skill.

Keywords : critical thinking, video assisted - problem based learning