

PENGARUH MODEL KOOPERATIF TIPE *NUMBERED HEAD TOGETHER* (NHT) BERBANTUAN MEDIA *WORDWALL* TERHADAP KEMAMPUAN BERPIKIR KRITIS IPAS

Oleh
Nadhiva Auliya
225060053

ABSTRAK

Penelitian ini dilatarbelakangi oleh rendahnya kemampuan berpikir kritis peserta didik pada jenjang Sekolah Dasar. Berdasarkan hasil Asesmen Nasional tahun 2021, sebanyak 46,58% peserta didik SD/MI/ sederajat belum mencapai kompetensi minimum sehingga menunjukkan bahwa kemampuan berpikir kritis peserta didik masih perlu ditingkatkan. Penelitian ini bertujuan untuk mengetahui gambaran proses pembelajaran menggunakan model kooperatif tipe *Numbered Head Together* (NHT) berbantuan media *Wordwall*, mengetahui perbedaan kemampuan berpikir kritis peserta didik antara kelas eksperimen dan kelas kontrol, serta mengetahui besarnya pengaruh penerapan model tersebut terhadap kemampuan berpikir kritis peserta didik. Penelitian ini menggunakan pendekatan kuantitatif dengan metode *quasi experiment* dan desain *nonequivalent control group design*. Penelitian dilaksanakan di SDN 067 Nilem Kota Bandung dengan subjek penelitian terdiri atas kelas IV C sebagai kelas eksperimen dan kelas IV B sebagai kelas kontrol yang masing-masing berjumlah 30 peserta didik. Teknik pengumpulan data dilakukan melalui tes, observasi, dan dokumentasi. Data dianalisis menggunakan uji normalitas, uji homogenitas, uji *independent sample t-test*, dan uji *effect size* dengan bantuan *software IBM SPSS Statistics 29.0*. Hasil penelitian menunjukkan bahwa proses pembelajaran dengan model kooperatif tipe *Numbered Head Together* (NHT) berbantuan media *Wordwall* terlaksana dengan baik dan aktivitas peserta didik mencapai rata-rata 80,25% dengan kategori sangat tinggi, sedangkan kelas kontrol memperoleh persentase rata-rata 72,17% dengan kategori tinggi. Hasil uji *independent sample t-test* menunjukkan nilai signifikansi (Sig. 2-tailed) sebesar $0,001 < 0,05$ yang menandakan adanya perbedaan signifikan kemampuan berpikir kritis antara kedua kelas. Selain itu, hasil uji *effect size* memperoleh nilai Cohen's d sebesar 1,045 yang termasuk kategori besar. Dengan demikian, model kooperatif tipe *Numbered Head Together* (NHT) berbantuan media *Wordwall* terbukti efektif dan memberikan pengaruh besar terhadap peningkatan kemampuan berpikir kritis peserta didik pada mata Pelajaran IPAS.

Kata kunci: model kooperatif tipe *Numbered Head Together* (NHT), *Wordwall*, kemampuan berpikir kritis, IPAS, Sekolah Dasar.

**THE EFFECT OF THE NUMBERED HEAD TOGETHER (NHT)
COOPERATIVE LEARNING MODEL SUPPORTED BY WORDWALL ON
CRITICAL THINKING SKILLS IN IPAS (SCIENCE AND SOCIAL)**

By

Nadhiva Auliya

225060053

ABSTRACT

This study was motivated by the low level of critical thinking skills among elementary school students. According to the results of the 2021 National Assessment, 46,58% of students in elementary schools (SD), Islamic elementary school (MI), and equivalent schools had not yet achieved the minimum competency level, indicating that students critical thinking skills still need to be improved. The study aims to describe the learning process using the Numbered Head Together (NHT) cooperative learning model aided by Wordwall, to identify differences in students critical thinking skills between the experimental and control classes, and to determine the extent to which the implementation of this model influences students critical thinking skills. This study employed a quantitative approach using a quasi-experimental method and a nonequivalent control group design. The study was conducted at SDN 067 Nilem in Bandung, with the research subjects consisting of class IV C as the experimental class and class IV B as the control class, each comprising 30 students. Data collection was conducted through tests, observations, and documentation. The data were analyzed using normality tests, homogeneity tests, independent samples t-tests, and effect size tests with the aid of IBM SPSS Statistics 29.0 software. The results of the study indicate that the learning process using the Numbered Head Together (NHT) cooperative learning model, supported by Wordwall, was successfully implemented, and student participation reached an average of 80,25%, falling into the very high category, while the control class achieved an average of 72,17%, falling into the high category. The results of the independent samples t-test showed a significance value (Sig. 2-tailed) of $0,001 < 0,05$, indicating a significant difference in critical thinking skills between the two classes. In addition, the effect size test yielded a Cohen's d value of 1,045, which falls into the large category. Thus, the Numbered Head Together (NHT) cooperative learning model supported by Wordwall has proven to be effective and has had a significant impact on improving students critical thinking skills in the IPAS (Science and Social) subject.

Keywords: *Numbered Head Together (NHT) cooperative learning model, Wordwall, critical thinking skills, IPAS (Science and Social), elementary school.*

**PANGARUH MODEL KOOPERATIF TIPE NUMBERED HEAD
TOGETHER (NHT) DIBANTUAN KU MEDIA WORDWALL KANA
KAMAMPUAN MIKIR KRITIS IPAS**

Ku

Nadhiva Auliya

225060053

RINGKESAN

Ieu panalungtikan didasaran ku handapna kamampuh mikir kritis peserta didik dina jenjang Sakola Dasar. Dumasar kana hasil Asesmen Nasional taun 2021, saloba 46,58% peserta didik SD/MI/sasaran can ngahontal kompetensi minimum, ku kituna nuduhkeun yén kamampuh mikir kritis peserta didik masih perlu ditingkatkeun. Ieu panalungtikan miboga tujuan pikeun mikanyaho gambaran prosés pangajaran ngagunakeun modél pangajaran kooperatif tipe Numbered Head Together (NHT) dibantuan ku média Wordwall, mikanyaho bédana kamampuh mikir kritis peserta didik antara kelas ékspérimén jeung kelas kontrol, sarta mikanyaho sabaraha gedéna pangaruh panerapan éta modél kana kamampuh mikir kritis peserta didik. Ieu panalungtikan ngagunakeun pamarekan kuantitatif kalayan métode kuasi ékspérimén sarta désain nonequivalent control group design. Panalungtikan dilaksanakeun di SDN 067 Nilem Kota Bandung kalayan subjék panalungtikan nyaéta kelas IV C minangka kelas ékspérimén jeung kelas IV B minangka kelas kontrol, anu masing-masing jumlahna 30 peserta didik. Téhnik ngumpulkeun data dilaksanakeun ngaliwatan tés, obsérvasi, jeung dokuméntasi. Data dianalisis ngagunakeun uji normalitas, uji homogénitas, uji independent sample t-test, sarta uji effect size kalayan bantuan parangkat lunak IBM SPSS Statistik 29.0. Hasil panalungtikan nuduhkeun yén prosés pangajaran ngagunakeun modél kooperatif tipe Numbered Head Together (NHT) dibantuan ku média Wordwall dilaksanakeun kalawan hadé sarta aktivitas peserta didik ngahontal rata-rata 80,25% dina katégori luhur pisan, sedangkeun kelas kontrol miboga rata-rata 72,17% dina katégori luhur. Hasil tina t-test sampel bebas nuduhkeun nilai signifikansi (Sig. 2-tailed) $0,001 < 0,05$ anu nuduhkeun aya aya béda anu signifikan dina kamampuh mikir kritis antara dua kelas. Sajaba ti éta, hasil uji effect size meunang nilai Cohen's d 1,045 anu kaasup kana kategori badag. Ku kituna, modél kooperatif tipe Numbered Head Together (NHT) dibantuan ku media Wordwall kabuktian éféktif jeung gedé pangaruhna kana ngaronjatkeun kamampuh mikir kritis peserta didik dina mata pelajaran IPAS.

Kecap pamageh: modél kooperatif tipe Numbered Head Together (NHT), Wordwall, kamampuan mikir kritis, IPAS, Sakola Dasar.