

ABSTRAK

Gina Melani : Pengaruh Model Pembelajaran *Flipped Classroom* Berbantu *Google Sites* Terhadap Keterampilan Berpikir Kritis Siswa pada Materi Virus

Keterampilan berpikir kritis sangat diperlukan di abad 21, namun berdasarkan hasil observasi keterampilan berpikir kritis siswa masih rendah. Salah satu upaya yang dapat dilakukan untuk mengatasi permasalahan tersebut adalah dengan memilih model pembelajaran yang sesuai untuk meningkatkan keterampilan berpikir kritis yang salah satunya adalah *Flipped classroom* berbantu *Google sites*. Penelitian ini bertujuan untuk menganalisis pengaruh model pembelajaran *Flipped Classroom* berbantu *Google Sites* terhadap keterampilan berpikir kritis. Penelitian ini merupakan *quasi experiment design* berbentuk *Pretest-Posttest Non-Equivalent Control Group Design*. Populasi penelitian adalah seluruh siswa kelas X SMA Negeri 1 Gununghalu tahun ajaran 2022/2023. Pengambilan sampel dilakukan secara *purposive sampling*, dengan menentukan X-2 sebagai kelas eksperimen dan X-6 sebagai kelas kontrol yang berjumlah 72 siswa. Hasil penelitian menunjukkan bahwa keterlaksanaan pembelajaran dengan model *Flipped classroom* berbantu *Google sites* diperoleh nilai rata-rata aktivitas guru sebesar 95% dan aktivitas siswa sebesar 92%, dan keterampilan berpikir kritis siswa menggunakan model *flipped classroom* berbantu *google sites* menghasilkan nilai rata-rata *pretest* 43,61 dan *posttest* 81,33 dengan nilai *N-gain* sebesar 0,66 tergolong kategori sedang. Pada kelas tanpa model *flipped classroom* berbantu *google sites* menghasilkan nilai rata-rata *pretest* 41,94 dan *posttest* 70,19 dengan nilai *N-gain* sebesar 0,48 tergolong kategori sedang. Hasil analisis uji t pada aplikasi SPSS versi 26 menunjukkan nilai signifikansi dari kelas eksperimen dan kelas kontrol lebih kecil dari 0,05 yaitu sebesar 0,000, dengan $t_{hitung} 6,259 > t_{tabel} 1,667$, maka H_1 diterima dan H_0 ditolak. Dengan demikian, model *flipped classroom* berbantu *google sites* berpengaruh terhadap keterampilan berpikir kritis siswa.

Kata Kunci : Keterampilan berpikir kritis, *Flipped classroom*, *Google sites*, virus

ABSTRAC

Gina Melani: *The Effect of Google Sites Assisted Flipped Classroom Learning Model on Students' Critical Thinking Skills on Virus Material*

Critical thinking skills are needed in the 21st century, however, based on observations, students' critical thinking skills are still low. One of the efforts that can be made to overcome this problem is to choose an appropriate learning model to improve critical thinking skills, one of which is Flipped classroom assisted by Google sites. This study aims to analyze the effect of the Flipped Classroom learning model assisted by Google Sites on critical thinking skills. This research is a quasi experimental design in the form of Pretest-Posttest Non-Equivalent Control Group Design. The research population was all class X students of SMA Negeri 1 Gununghalu for the 2022/2023 academic year. Sampling was carried out by purposive sampling, by determining X-2 as the experimental class and X-6 as the control class, totaling 72 students. The results showed that the implementation of learning with the Flipped classroom model assisted by Google sites obtained an average value of teacher activity by 95% and student activity by 92%, and students' critical thinking skills using the flipped classroom model assisted by Google sites produced an average pretest value of 43, 61 and posttest 81.33 with an N-gain value of 0.66 belonging to the medium category. In classes without the flipped classroom model assisted by Google sites, the average pretest score was 41.94 and posttest was 70.19 with an N-gain value of 0.48 belonging to the moderate category. The results of the t-test analysis on the SPSS version 26 application show that the significance value of the experimental class and control class is less than 0.05, which is equal to 0.000, with tcount 6.259 > ttable 1.667, then H1 is accepted and H0 is rejected. Thus, the flipped classroom model assisted by Google sites has an effect on students' critical thinking skills.

Keywords: *Critical thinking skills, Flipped classroom, Google sites, viruses*