

ABSTRAK

GEVIRA MILATINA FAZWAH, 2025. **Pengaruh Penerapan Model *Problem Based Learning* Berbantuan *E-Modul* Terhadap Keterampilan Kolaboratif Peserta Didik**, Jurusan Pendidikan Geografi Fakultas Keguruan dan Ilmu Pendidikan Universitas Siliwangi Tasikmalaya.

Penelitian ini bertujuan untuk menganalisis pengaruh penerapan model *Problem Based Learning* (PBL) berbantuan *E-Modul Flipbook* terhadap keterampilan kolaboratif peserta didik pada mata pelajaran Geografi, submateri Dinamika Penduduk di SMAN 7 Tasikmalaya. Metode yang digunakan adalah eksperimen dengan desain *Quasi Experimental Design* tipe *Nonequivalent Control Group Design*. Populasi penelitian ini meliputi seluruh peserta didik kelas XI IPS dengan sampel kelas XI IPS 2 sebagai kelas eksperimen dengan jumlah 37 peserta didik dan XI IPS 1 sebagai kelas kontrol dengan jumlah 37 peserta didik, yang dipilih menggunakan teknik *purposive sampling*. Instrumen penelitian ini berupa lembar observasi keterampilan kolaboratif dengan indikator tanggung jawab, komunikasi, kerja sama, dan partisipasi aktif. Analisis data dilakukan menggunakan uji normalitas, homogenitas, *Paired Sample T-Test*, *Independent Sample T-Test*, dan juga perhitungan *N-Gain*. Hasil penelitian ini menunjukkan bahwa adanya perbedaan signifikan antara kelas eksperimen dan kontrol dengan nilai signifikansi $0,000 < 0,05$. Rata-rata post-test kelas eksperimen sebesar 87, sedangkan kelas kontrol 78, dengan selisih 9 poin. Nilai rata-rata *N-Gain* kelas eksperimen sebesar 0,64 (kategori sedang) dan kelas kontrol sebesar 0,47 (kategori sedang). Selain itu, persentase peserta didik dengan kategori keterampilan kolaboratif tinggi pada kelas eksperimen mencapai 24%, sedangkan pada kelas kontrol hanya 11%. Dengan demikian, dapat disimpulkan bahwa penerapan model *Problem Based Learning* berbantuan *E-Modul Flipbook* memberikan pengaruh positif dan signifikan terhadap peningkatan keterampilan kolaboratif peserta didik, meliputi tanggung jawab, komunikasi, kerja sama, serta partisipasi aktif dalam pembelajaran Geografi di SMAN 7 Tasikmalaya.

Kata Kunci : Dinamika penduduk, *E-Modul Flipbook*, Geografi, Keterampilan kolaboratif, *Problem Based Learning*, SMAN 7 Tasikmalaya

ABSTRACT

GEVIRA MILATINA FAZWAH, 2025. *“The Effect of Applying the Problem Based Learning Model Assisted by an E-Module on Students’ Collaborative Skills”*, Department of Geography Education, Faculty of Teacher Training and Education, Siliwangi University, Tasikmalaya.

This study aims to analyze the effect of applying the Problem Based Learning (PBL) model assisted by an E-Module Flipbook on students’ collaborative skills in Geography subjects, particularly in the sub-material Population Dynamics at SMAN 7 Tasikmalaya. The research method used was an experimental approach with a Quasi-Experimental Design type Nonequivalent Control Group Design. The population consisted of all students of class XI Social Science (IPS), with class XI IPS 2 as the experimental group (37 students) and class XI IPS 1 as the control group (37 students), selected using purposive sampling techniques. The research instrument used was a collaborative skills observation sheet covering indicators of responsibility, communication, cooperation, and active participation. Data analysis was conducted using normality and homogeneity tests, Paired Sample T-Test, Independent Sample T-Test, and N-Gain calculations. The results showed a significant difference between the experimental and control classes, with a significance value of $0.000 < 0.05$. The average post-test score of the experimental class was 87, while the control class obtained 78, with a difference of 9 points. The average N-Gain value of the experimental class was 0.64 (moderate category), and the control class was 0.47 (moderate category). In addition, the percentage of students with a high category of collaborative skills in the experimental class reached 24%, while in the control class it was only 11%. Thus, it can be concluded that the implementation of the Problem Based Learning model assisted by an E-Module Flipbook has a positive and significant effect on improving students’ collaborative skills, including responsibility, communication, cooperation, and active participation in Geography learning at SMAN 7 Tasikmalaya.

Keywords : Collaborative skills, E-Module Flipbook, Geography, Population Dynamics, Problem Based Learning, SMAN 7 Tasikmalaya.