

ABSTRAK

PENGARUH MODEL PBL TERINTEGRASI *EDUCATION FOR SUSTAINABLE DEVELOPMENT* BERBANTUAN *E-LKPD* TERHADAP KEMAMPUAN BERPIKIR KRITIS DAN KOMUNIKASI LISAN PADA SISWA

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Penelitian ini bertujuan untuk mengetahui pengaruh dari model *Problem Based Learning terintegrasi Education for Sustainable Development* berbantuan *e-LKPD* terhadap kemampuan berpikir kritis dan komunikasi lisan siswa MA kelas X. Sampel penelitian ini adalah peserta didik MA Al-Hikmah Bandar Lampung yaitu kelas X B sebagai kelas eksperimen dan kelas X C sebagai kelas kontrol dengan teknik *cluster random sampling*. Desain penelitian adalah *quasi eksperimen*, data penelitian kemampuan berpikir kritis didapat dengan memberikan *pretest-posttest* dan data kemampuan komunikasi lisan didapat dengan menggunakan lembar observasi. Sedangkan penggunaan angket di kelas eksperimen bertujuan untuk mengetahui tanggapan peserta didik terhadap penggunaan model PBL terintegrasi ESD menggunakan *e-LKPD*. Hasil penelitian ini menunjukkan bahwa penggunaan model PBL terintegrasi ESD dengan bantuan *e-LKPD* berpengaruh signifikan terhadap peningkatan kemampuan berpikir kritis dengan nilai signifikansi uji *Mann Whitney-U* sebesar $0,00 < 0,05$. Peningkatan kemampuan berpikir kritis memperoleh rata-rata *n-gain* sebesar 0,62 yang termasuk kategori sedang. Selain itu penggunaan model PBL terintegrasi ESD dengan bantuan *e-LKPD* berpengaruh juga terhadap kemampuan komunikasi lisan dengan mendapat nilai rata-rata sebesar 81,30% berada dalam kategori tinggi, serta hasil angket menunjukkan respon sangat positif dengan nilai presentase yang didapat sebesar 92,91%.

Kata Kunci: berpikir kritis, *education for sustainable development*, *e-LKPD*, komunikasi lisan, *problem based learning*

ABSTRACT

THE EFFECT OF INTEGRATED PBL MODEL OF EDUCATION FOR SUSTAINABLE DEVELOPMENT ASSISTED BY E-LKPD ON CRITICAL THINKING ABILITY AND ORAL COMMUNICATION OF STUDENTS

By

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This study aims to determine the effect of the integrated Problem Based Learning model Education for Sustainable Development assisted by e-LKPD on critical thinking and oral communication skills of MA class X students. The sample of this study was students of MA Al-Hikmah Bandar Lampung, namely class X B as the experimental class and class X C as the control class with cluster random sampling technique. The research design was quasi-experimental, research data on critical thinking skills were obtained by providing pretest-posttest and data on oral communication skills were obtained using observation sheets. While the use of questionnaires in the experimental class aims to determine students' responses to the use of the ESD integrated PBL model using e-LKPD. The results of this study indicate that the use of the ESD integrated PBL model assisted by e-LKPD has a significant effect on improving critical thinking skills with a significance value of the Mann Whitney-U test of $0.00 < 0.05$. The improvement in critical thinking skills obtained an average n-gain of 0.62 which is included in the moderate category. In addition, the use of the ESD integrated PBL model with the help of e-LKPD also has an effect on oral communication skills by getting an average value of 81.30% in the high category, and the questionnaire results showed a very positive response with a percentage value obtained of 92.91%.

Keywords: critical thinking, education for sustainable development, e-LKPD, oral communication, problem based learning