

## ABSTRAK

Skripsi dengan judul “**Pengaruh Model Pembelajaran *Project Based Learning* Berbantuan E-LKPD Terhadap Hasil Belajar dan Kreativitas Siswa Pada Materi Hidrolisis Garam Kelas XI IPA MAS Pesantren Al-Amin Mojokerto**” ini ditulis oleh Lathifatun Nisak, NIM. 126212203082, Program Studi Tadris Kimia, Fakultas Tarbiyah dan Ilmu Keguruan, Universitas Islam Negeri Sayyid Ali Rahmatullah Tulungagung, Pembimbing Ifah Silfianah, M.Pd.

**Kata Kunci:** Model Pembelajaran *Project Based Learning*, E-LKPD, Hasil Belajar, Kreativitas, Hidrolisis Garam

Penelitian ini dilatar belakangi oleh rendahnya kreativitas dan hasil belajar siswa yang disebabkan karena kurangnya ajang untuk mengekspresikan dan berpendapat sesuai dengan kreativitas masing-masing anak. Oleh karena itu, guru perlu menciptakan inovasi kegiatan pembelajaran yang menyenangkan dan mendorong anak untuk mampu mengekspresikan idenya. Pembelajaran berbasis proyek (PjBL) menggunakan E-LKPD mampu mengoptimalkan daya kreativitas dan eksplorasi siswa serta peran guru sebagai fasilitator dan pembimbing yang efektif. Tujuan dari penelitian ini adalah 1) untuk mendeskripsikan pengaruh model pembelajaran *project based learning* berbantuan E-LKPD terhadap hasil belajar siswa pada materi hidrolisis garam kelas XI IPA MAS Pesantren Al-Amin Mojokerto 2) untuk mendeskripsikan pengaruh model pembelajaran *project based learning* berbantuan E-LKPD terhadap kreativitas siswa pada materi hidrolisis garam kelas XI IPA MAS Pesantren Al-Amin Mojokerto 3) untuk mendeskripsikan pengaruh model pembelajaran *project based learning* berbantuan E-LKPD terhadap hasil belajar dan kreativitas siswa pada materi hidrolisis garam kelas XI IPA MAS Pesantren Al-Amin Mojokerto.

Penelitian ini menggunakan pendekatan kuantitatif dengan jenis penelitian *Quasy Eksperiment* yaitu *Pretest-Posttest Control Group*. Populasi dalam penelitian ini adalah seluruh peserta didik IPA di MAS Pesantren Al-Amin Mojokerto. Sampel dalam penelitian ini adalah kelas XI IPA 1 sebagai kelas eksperimen dan kelas XI IPA 2 sebagai kelas kontrol. Pengambilan sampel menggunakan teknik *purposive sampling*. Teknik pengumpulan data dalam penelitian ini menggunakan instrumen berupa lembar tes untuk mengukur hasil belajar kognitif siswa dan lembar angket serta lembar observasi penilaian produk untuk mengukur kreativitas siswa. Teknik analisis data menggunakan uji T dan uji Manova.

Hasil penelitian menunjukkan bahwa: 1) ada pengaruh model pembelajaran *project based learning* berbantuan E-LKPD terhadap hasil belajar kognitif siswa pada materi hidrolisis garam kelas XI IPA MA Pesantren Al-Amin Mojokerto 2) ada pengaruh model pembelajaran *project based learning* berbantuan E-LKPD terhadap kreativitas siswa pada materi hidrolisis garam kelas XI IPA MA Pesantren Al-Amin Mojokerto 3) ada pengaruh model pembelajaran *project based learning* berbantuan E-LKPD terhadap hasil belajar dan kreativitas siswa pada materi hidrolisis garam kelas XI IPA MA Pesantren Al-Amin Mojokerto.

## ABSTRACT

The thesis with the title "**The Influence of the E-LKPD Assisted Project Based Learning Learning Model on Student Learning Outcomes and Creativity in the Salt Hydrolysis Material for Class XI IPA MAS Al-Amin Islamic Boarding School Mojokerto**" was written by Lathifatun Nisak, NIM. 126212203082, Tadris Chemistry Study Program, Faculty of Tarbiyah and Teacher Training, Sayyid Ali Rahmatullah State Islamic University Tulungagung, Supervisor Ifah Silfianah, M.Pd.

**Keywords:** Project Based Learning Model, E-LKPD, Learning Outcomes, Creativity, Salt Hydrolysis

This research is motivated by the low creativity and learning outcomes of students due to the lack of a place to express and argue according to the creativity of each child. Therefore, teachers need to create innovative learning activities that are fun and encourage children to be able to express their ideas. Project-based learning (PjBL) using E-LKPD is able to optimize students' creativity and exploration as well as the teacher's role as an effective facilitator and guide. The aim of this research is 1) to describe the influence of the project based learning model assisted by E-LKPD on student learning outcomes in the material on salt hydrolysis class XI IPA MAS Al-Amin Islamic Boarding School Mojokerto 2) to describe the influence of the project based learning model assisted by E-LKPD on student creativity in the salt hydrolysis material for class XI IPA MAS Al-Amin Islamic Boarding School Mojokerto 3) to describe the influence of the project based learning model assisted by E-LKPD on student learning outcomes and creativity in the material on salt hydrolysis class XI IPA MAS Al-Amin Islamic Boarding School Mojokerto.

This research uses a quantitative approach with a Quasy Experimental research type, namely Pretest-Posttest Control Group. The population in this study were all science students at MAS Pesantren Al-Amin Mojokerto. The sample in this research was class XI IPA 1 as the experimental class and class XI IPA 2 as the control class. Sampling used purposive sampling technique. The data collection technique in this research uses instruments in the form of test sheets to measure students' cognitive learning outcomes and questionnaires and product assessment observation sheets to measure students' creativity. Data analysis techniques use the T test and Manova test.

The results of the research show that: 1) There is an influence of the project based learning model assisted by E-LKPD on student learning outcomes in class XI IPA MAS salt hydrolysis material at the Al-Amin Islamic Boarding School Mojokerto 2) There is an influence of the project based learning model assisted by E-LKPD on students' creativity in the salt hydrolysis material in class XI IPA MAS Al-Amin Islamic Boarding School Mojokerto 3) There is an influence of the project based learning model assisted by E-LKPD on student learning outcomes and creativity in the material on salt hydrolysis class XI IPA MAS Al-Amin Islamic Boarding School Mojokerto.

