

**ABSTRAK**

**PENERAPAN *DISCOVERY LEARNING* DAN *PROJECT BASED LEARNING* TERHADAP MINAT DAN HASIL BELAJAR SISWA PADA MATERI ANIMALIA KELAS X DI SMA BOPKRI 1 YOGYAKARTA**

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Penelitian ini bertujuan untuk mengetahui pengaruh penerapan model *discovery learning* dan *project based learning* terhadap minat dan hasil belajar siswa kelas X pada materi Animalia. Penelitian ini dilakukan di SMA BOPKRI 1 Yogyakarta pada kelas X. Metode penelitian yang digunakan adalah kuasi eksperimen. Penelitian ini menggunakan dua kelompok sampel, yaitu kelompok eksperimen dan kelompok kontrol. Populasi penelitian ini yaitu seluruh siswa kelas X MIPA sebanyak 2 kelas dengan jumlah 58 orang. Sampel berjumlah 29 orang untuk kelompok eksperimen dan 29 orang untuk kelompok kontrol. Kelompok eksperimen merupakan kelompok siswa yang mendapatkan perlakuan dengan penerapan model *discovery learning* dan *project based learning*. Sedangkan kelompok kontrol merupakan kelompok siswa yang mendapatkan perlakuan model pembelajaran konvensional. Instrumen yang digunakan pada penelitian ini berupa *pretest*, *posttest*, lembar observasi dan kuesioner yang selanjutnya di uji coba pada kelas dengan *pretest posttest control group design*. Berdasarkan hasil uji hipotesis menggunakan uji *Independent Sample T-Test* menunjukkan nilai signifikan 0,414 atau lebih dari 0,05 sehingga hipotesis ditolak. Berdasarkan hasil penelitian di atas, maka dapat disimpulkan bahwa tidak ada pengaruh beda nyata dalam penerapan model *discovery learning* dan *project based learning* terhadap minat dan hasil belajar siswa kelas X SMA BOPKRI 1 Yogyakarta pada materi Animalia.

**Kata Kunci:** *discovery learning*, *project based learning*, minat belajar, hasil belajar

**ABSTRACT**

**IMPLEMENTATION OF DISCOVERY LEARNING AND PROJECT BASED LEARNING TO INTEREST AND LEARNING OUTCOMES IN ANIMAL MATERIALS OF CLASS X STUDENTS OF SMA BOPKRI 1 YOGYAKARTA**

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*This study aims to determine the effect implementation of discovery learning and project based learning models on the interest and learning outcomes of class X students in Animalia material. This research was conducted at SMA BOPKRI 1 Yogyakarta in class X. The research method used was quasi-experimental. This study used two sample groups, namely the experimental group and the control group. The population of this study were all students of class X MIPA in 2 classes with a total of 58 people. The sample is 29 people for the experimental group and 29 people for the control group. The experimental group is a group of students who receive treatment with the application of discovery learning and project based learning models. While the control group is a group of students who are treated with conventional learning models. The instruments used in this study were pretest, posttest, observation sheets and questionnaires which were then tested in a class with a pretest posttest control group design. Based on the results of hypothesis testing using the Independent Sample T-Test showed a significant value of 0.414 or more than 0.05 so the hypothesis was rejected. Based on the results of the research above, it can be concluded that there is no significant difference in the application of discovery learning and project based learning models to the interest and learning outcomes of class X SMA BOPKRI 1 Yogyakarta on Animalia material.*

**Keywords:** *discovery learning, project based learning, interest in learning, learning outcomes*