

**ABSTRAK****PENERAPAN MODEL *PROBLEM BASED LEARNING* UNTUK  
MENINGKATKAN MOTIVASI DAN HASIL BELAJAR SISWA PADA  
MATERI EKOSISTEM DI KELAS VII A SMP TAMAN DEWASA IBU  
PAWIYATAN YOGYAKARTA**

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Motivasi dan hasil belajar siswa pada materi ekosistem kelas VII A masih rendah, disebabkan karena guru monoton menggunakan metode ceramah. Penelitian ini bertujuan untuk meningkatkan motivasi dan hasil belajar siswa dengan menerapkan model *Problem Based Learning* (PBL) pada materi Ekosistem.

Jenis penelitian ini merupakan Penelitian Tindakan Kelas (PTK) dengan memberikan tindakan dalam dua siklus pembelajaran yang terdiri dari dua kali pertemuan. Penelitian ini dilaksanakan pada bulan April 2016. Subyek penelitiannya adalah 20 siswa kelas VII A SMP Taman Dewasa Ibu Pawiyatan. Hasil motivasi belajar diperoleh dari kuisioner awal dan kuisioner akhir. Hasil belajar kognitif diperoleh dari hasil *Posttest* sedangkan hasil belajar afektif diperoleh dari lembar observasi.

Hasil penelitian menunjukkan bahwa penerapan model PBL dapat meningkatkan hasil belajar afektif siswa dimana pada siklus I 100% termasuk dalam kategori rendah meningkat menjadi 66,67% siswa termasuk dalam kategori tinggi dan 33,33% siswa termasuk dalam kategori sedang di siklus II. Tetapi model ini belum dapat meningkatkan motivasi siswa yaitu pada siklus I sebanyak 20% siswa termasuk dalam kategori tinggi dan 80% siswa termasuk dalam kategori sedang dan pada siklus II 100% siswa termasuk dalam kategori sedang. Model ini juga belum dapat meningkatkan hasil belajar kognitif siswa dimana rata-rata hasil belajar pada siklus I sebesar 51,02 dan pada siklus II sebesar 36,82. Kesimpulan dari penelitian ini adalah penerapan model *Problem Based Learning* (PBL) dapat meningkatkan hasil belajar afektif siswa tetapi belum dapat meningkatkan motivasi dan hasil belajar kognitif siswa pada materi ekosistem di kelas VII A SMP Taman Dewasa Ibu Pawiyatan.

**Kata kunci :** *problem based learning*, motivasi belajar, hasil belajar kognitif, hasil belajar afektif, materi ekosistem.

## ABSTRACT

### APPLICATION OF PROBLEM BASED LEARNING TO INCREASED THE MOTIVATION AND LEARNING OUTCOMES STUDENTS IN MATERIAL ECOSYSTEM IN THE CLASS VII A JUNIOR HIGH SCHOOL TAMAN DEWASA IBU PAWIYATAN YOGYAKARTA

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The lack of motivation and the learning outcomes students in science subjects of Biology at the material ecosystem in the class VII A is caused by teacher still monotonous using methods of talk. The research aims to improve the motivation and learning outcomes students by applying Problem Based Learning in material ecosystem.

The design of this research was Classroom Action Research by giving the action in the two cycles of learning. This research was conducted on April 2016 with the subjects of research was 20 students in class VII A Junior High School Taman Dewasa Ibu Pawiyatan. The results of students motivation was obtained from the first of questionnaire sheet and the final of questionnaire sheet. The cognitive study results was obtained from the *Posttest* and the affective study results was obtained from observation sheet.

The research result show that the application of Problem Based Learning could increased the affective of the students, in the first cycle 100% including in low category increased to 66,67% including in high category and 33,33% including in medium category in second cycle. But, Problem Based Learning could not increased the students motivation, in first cycle 20% including in high category and 80% including in medium category whereas in second cycle 100% including in medium category. This model could not increased the cognitive study results also, the average of the cognitive study results in first cycle is 51,02% and in the second cycle is 36,82%. The conclusion of this research is the application of Problem Based Learning could increased the affective study results but could not increased the motivation and cognitive study results in material ecosystem in the class VII A Junior High School Taman Dewasa Ibu Pawiyatan.

**Keywords** : Problem Based Learning, the cognitive study results, the affective study results, the motivaton of study, ecosystem.