

**PENERAPAN MODEL *PROBLEM BASED LEARNING* UNTUK
MENINGKATKAN HASIL BELAJAR FISIKA SISWA KELAS X IPA 1
MAN BULELENG TAHUN PELAJARAN 2021/2022**

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ABSTRAK

Penelitian ini bertujuan untuk: (1) meningkatkan hasil belajar fisika dan (2) mendeskripsikan tanggapan siswa terhadap penerapan model *Problem Based Learning* dalam pembelajaran fisika. Jenis penelitian adalah penelitian tindakan kelas. Subjek penelitian adalah seluruh siswa (32 orang) kelas X IPA 1 MAN Buleleng. Objek penelitian ini adalah model pembelajaran PBL, hasil belajar dan tanggapan siswa terhadap penerapan model pembelajaran PBL dalam pembelajaran fisika. Data hasil belajar siswa diperoleh melalui tes hasil belajar tiap akhir siklus, sedangkan data tanggapan siswa diperoleh melalui angket pada akhir siklus kedua. Seluruh data dianalisis secara deskriptif kuantitatif. Hasil penelitian ini menunjukkan: (1) ketuntasan klasikal pada siklus I sebesar 60,00%, skor rata-rata hasil belajar siswa sebesar 77,03, (SD = 13,78) dengan kategori baik, dan siklus II dengan ketuntasan klasikal sebesar 94,00%, skor rata-rata hasil belajar sebesar 85,00 (SD = 9,33) dengan kategori sangat baik, (2) skor rata-rata tanggapan siswa terhadap penerapan model PBL dalam pembelajaran fisika sebesar $\bar{X} = 77,93$ dengan kategori positif. Penerapan model *Problem Based Learning* meningkatkan hasil belajar siswa kelas X IPA 1 MAN Buleleng tahun pelajaran 2021/2022.

Kata Kunci: model *problem based learning*, hasil belajar.

**APPLICATION OF PROBLEM BASED LEARNING MODEL TO
IMPROVE THE PHYSICS LEARNING OUTCOMES OF STUDENTS OF
CLASS X IPA 1 MAN BULELENG SCHOOL YEAR 2021/2022**

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ABSTRACT

This study aims to: (1) improve physics learning outcomes and (2) describe student responses in applying the Problem Based Learning model in physics learning. The type of research is classroom action research. The research subjects were all students (32 people) of class X IPA 1 MAN Buleleng. The object of this research is the PBL learning model, learning outcomes and student responses to applying the PBL learning model in physics learning. The data on student learning outcomes were obtained through learning outcomes tests at the end of each cycle, while data on student responses were obtained through questionnaires at the end of the second cycle. All data were analyzed descriptively and qualitatively. The results of this study indicate: (1) classical completeness in the first cycle is 60.00%, the average score of student learning outcomes is 77.03, (SD = 13.78) in the good category. Then, in the second cycle with classical completeness of 94.00%, the average score of learning outcomes of 85.00 (SD = 9.33) in the very good category, and (2) the average score of student responses to the application of the PBL model in physics learning = 77.93 with a positive category. Applying the Problem Based Learning model improve student learning outcomes for class X IPA 1 MAN Buleleng in the 2021/2022 academic year.

Keywords: problem-based learning, learning outcomes.