

ABSTRAK

Dede Ardiansyah T. A. Sanawi 2022. Pengaruh Model Pembelajaran *Problem Based Learning* (PBL) Berorientasi *Higher Order Thinking Skills* (HOTS) Terhadap Hasil Belajar Siswa Kelas XI SMA Negeri 2 Halmahera Selatan Pada Materi Koloid. Fakultas Keguruan dan Ilmu Pendidikan Universitas Khairun Ternate 2022. Pembimbing St Hayatun Nur Abu dan Abdul Rasid Saraha.

Penelitian ini bertujuan untuk mengetahui 1). pengaruh model pembelajaran *Problem Based Learning* berorientasi HOTS terhadap hasil belajar siswa kelas XI SMA Negeri 2 Halmahera Selatan pada materi koloid 2). Seberapa besar efektivitas pengaruh model pembelajaran *Problem Based Learning* berorientasi HOTS terhadap hasil belajar siswa kelas XI SMA Negeri 2 Halmahera Selatan pada materi koloid 3). hasil belajar siswa pada ranah afektif dan ranah psikomotorik siswa kelas XI SMA Negeri 2 Halmahera Selatan pada materi koloid. Jenis penelitian ini merupakan penelitian eksperimen dengan desain *one group pretest-posttest*. Sampel dalam penelitian ini berjumlah 22 siswa. Teknik pengambilan sampel dilakukan dengan teknik *sampling purposive*. Instrumen yang digunakan dalam penelitian yaitu instrumen tes, observasi, angket tanggapan guru dan siswa. Hasil uji hipotesis selanjutnya di analisis menggunakan uji *Paired Samples T Test* sehingga diperoleh t_{hitung} (14.488) > t_{tabel} (1.720) dan nilai signifikan $0.00 < 0.05$, yang menunjukkan adanya pengaruh model pembelajaran *Problem Based Learning* berorientasi HOTS terhadap hasil belajar kognitif siswa dengan nilai gain yang diperoleh pada kelas eksperimen sebesar 0,3 dengan kategori sedang. Selanjutnya, data pada hasil observasi hasil belajar ranah afektif dan psikomotorik diperoleh rata-rata nilai afektif yaitu sebesar 51,13 dengan kriteria cukup, dan rata-rata nilai psikomotorik yaitu sebesar 52,36 dengan kriteria cukup.

Kata Kunci : Model Pembelajaran *Problem Based Learning*, *Higher Order Thinking Skills*, Hasil Belajar.

ABSTRACT

Dede Ardiansyah T. A. Sanawi 2022. The Influence of Problem Based Learning (PBL) Model Oriented Higher Order Thinking Skills (HOTS) on the Learning Outcomes of Class XI Students of Senior High School 2 South Halmahera on Colloid Material. Faculty of Teacher Training and Education, University of Khairun Ternate 2022. Advisors St. Hayatun Nur Abu and Abdul Rasid Saraha.

This study aims to determine 1). the influence of the Problem Based Learning model oriented to HOTS on the learning outcomes of class XI students of Senior High School 2 South Halmahera on colloidal material 2). How effective is the effect of the Problem Based Learning model oriented HOTS on the learning outcomes of class XI students of Senior High School 2 South Halmahera on colloid material 3). student learning outcomes in the affective domain and psychomotor domain of class XI students at Senior High School 2 South Halmahera on colloid material. This type of research is an experimental study with a one group pretest-posttest design. The sample in this study amounted to 22 students. The sampling technique was carried out by purposive sampling technique. The instruments used in this study were test, observation and questionnaires for teacher and student responses. The results of the hypothesis test were then analyzed using the Paired Samples T Test, which obtained t-count (14.488) > t-table (1.720) and a significant value of $0.00 < 0.05$, which indicates the influence of the Problem Based Learning model oriented towards HOTS on cognitive learning outcomes of students with a gain value in the experimental class of 0.3 in the medium category. Furthermore, the data on the results of observations of learning outcomes in the affective and psychomotor domains obtained an average affective value of 51.13 with sufficient criteria, and average psychomotor value of 52.36 with sufficient criteria.

Keywords : Problem Based Learning Model, Higher Order Thinking Skills, Learning Outcomes.