EFEKTIVITAS PEMBELAJARAN MENGGUNAKAN MODEL PBL BERBANTUAN LKPD PADA MATERI SISTEM REPRODUKSI MANUSIA BERDASARKAN KEMAMPUAN BERPIKIR TINGKAT TINGGI DAN KEMAMPUAN KERJA ILMIAH SISWA DI SMA SWASTA DHARMA PANCASILA MEDAN T.P. 2017/2018

Hermanto Afriadi Sinaga (NIM 4143141023)

ABSTRAK

Penelitian ini bertujuan untuk mengetahui efektivitas pada pembelajaran menggunakan model PBL berbantuan LKPD pada materi sistem reproduksi manusia berdasarkan kemampuan berpikir tingkat tinggi dan kemampuan kerja ilmiah siswa di SMA Swasta Dharma Pancasila Medan T.P. 2017/2018. Metode penelitian yang digunakan adalah pre-eksperimen dengan desain *one shot case study*. Efektivitas pembelajaran dengan model PBL berbantuan LKPD diketahui dari nilai kemampuan berpikir tingkat tinggi, kemampuan kerja ilmiah, ketuntasan belajar dan ketercapaian indikator. Untuk mendapatkan nilai kemampuan berpikir tingkat tinggi dilakukan dengan tes dan kemampuan kerja ilmiah dilakukan dengan menilai LKPD. Hasil penelitian menunjukkan bahwa nilai kemampuan berpikir tingkat tinggi 79,11 (baik), ketuntasan klasikal sebesar 86,77% dan persentase ketercapaian indikator sebesar 83,33%. Nilai kerja ilmiah siswa sebesar 80,88 (baik), ketuntasan klasikal sebesar 85,30% serta persentase ketercapaian indikator sebesar 80%. Maka dapat disimpulkan bahwa pembelajaran dengan menggunakan model PBL berbantuan LKPD pada materi sistem reproduksi manusia efektif berdasarkan kemampuan berpikir tinggi dan kerja ilmiah siswa.

Kata kunci : *Efektivitas pembelajaran, Model PBL Berbantuan LKPD, Kemampuan berpikir tingkat tinggi, Kemampuan kerja ilmiah.*

**EFFECTIVENESS OF LEARNING USING PBL MODEL ASSISTED STUDENT
WORKSHEET ON THE TOPIC HUMAN REPRODUCTIVE SYSTEM
BASED ON HIGHER ORDER THINKING SKILLS AND
SCIENTIFIC WORK ABILITIES OF STUDENT SMA
SWASTA DHARMA PANCASILA MEDAN
ACADEMIC YEAR 2017/2018**

Hermanto Afriadi Sinaga (NIM 4143141023)

ABSTRACT

This study aims to determine the effectiveness of learning using PBL model assisted student worksheet on the topic human reproductive system based on higher order thinking skills and scientific work ability of student in SMA Swasta Dharma Pancasila Medan academic year 2017/2018. The research method used is pre-experiment with one shot case study design. The effectiveness of learning using PBL model assisted student worksheet is known from the score of higher order thinking skills and scientific work ability, learning completeness and indicator achievement. Getting the score of higher order thinking skills performed by the test and scientific work ability which is done by assessing the student worksheet. The result of this study showed that the score of higher order thinking skills is 79.11 (good), classical completeness is 86.77% and the percentage of achievement indicators is 83.33%. The score of scientific work of students is 80,88 (good), classical completeness is 85,30% and percentage of indicator achievement is 80%. It can be concluded that learning by using PBL model assisted student worksheet on topic human reproductive system is effective based on higher order thinking skills and scientific work ability of student.

*Keyword : Effectiveness of learning, PBL model assisted student worksheet, Higher
order thinking skills, Scientific work ability.*