

**IMPLEMENTATION OF THE LEARNING PROBLEM BASED LEARNING  
(PBL) CAN INCREASE TAKING RESPONSIBLE RISK (HABITS OF MIND) ON  
THE CONCEPT OF BIODIVERSITY**

***Abstract***

*This research is meant to know the implementation of the implementation of a Problem Based Learning on the increase (Habits Of Mind) of taking responsible risk (Habits Of Mind) on the research is expected to improve the results of student in cognitive, affective, and psikomotor in the habits mind of taking responsible risk. Research subject is a class X science class in PGII 2 Bandung year 2017/2018 with the number 36 people. The method to use is Pre-Experimental-Design by using the One-Group-Pretest-Posttest-Design. These research result indicate that the cognitive domain assessment is getting value in the test Z with result of the value Z count 2,28, while the value of Z table -0,48, then in the result of Z test the result is hypothesis accepted or the method used. While in the N-Gain test get the value of N-Gain 0,62 with medium criteria, there is an increase between pretest (before treatment) and posttest (after treatment). The affective domain assessment of the five aspect obtained an average value of 88,8 shows a very good criteria. Domain assessment is comprised of observations performance and discussion, product ratings, and assessment the students's response average 82 shows good criteria. The cognitive correlation result with the affective domain has a value koefesiensi - 0,239 > 0,160 (data not correlation), the affective domain with psikomotor domain has a value of correlation value of 0,0221 < 0,196 or (there is a correlation), domain psikomotor with a cognitive domain a correlation value of 0,0221 < 0,196 or (data not correlation). Of the study can be concluded that the implementation of the learning Problem Based Learning (PBL) can increase taking responsible risk (Habits Of Mind) students on the concept of biodiversity.*

**Keywords:** *Problem based learning, habits of mind, taking responsible risk, biodiversity.*