

## ABSTRACT

Rina Widaningsih, 2016. **Penerapan Model PBL (*Problem Based Learning*) Untuk Meningkatkan Penalaran Logis Siswa Pada Konsep Ruang Lingkup Biologi.** Pembimbing I: Dr.Hj.Mia Nurkanti, M .Kes . Pembimbing II : Dra.Hj.Lilis Suhaerah . M.Kes

*Research aims to understand the whereabouts of increased capacity logical reasoning to their students through the application of model pbl ( the problem based learning )in the concept of scope biology .Methods used is quasi experiment namely class experimentation and class control Class experiment use treatment by model pbl ( the problem based learning ) .While class control do not use treatment .The sample was a class x-ipa 1 and x-ipa 2 in high school bpi one city bandung academic year 2016 / 2017 .The results showed that the implementation of model pbl ( the problem based learning) to improve the ability logical reasoning the student with the average score pretest for the class experiment is 23,49 and the average score pretets control is 22,67 including criteria inadequate and a score postets for the class experiment is 78,05 and average score for class postets is control is 72 , 09 including the criteria both based data scale attitude only use a class penelitin namely class his experiments with the average score is 68,96 including criteria good .The research showed that with a model pbl ( the problem based learning ) students can improve the ability logical reasoning students .*

*Password: PBL ( the problem based learning ) , the ability logical reasoning students , scale attitude*