Agni Irmayani Akmalia. 2016. The Application Of Learning *Problam Based Learning* Model With *Numbered Heads Together* Strategy To Increase Yields Of Student Learning. Mentored By Dr. Hj. Mia Nurkanti, M. Kes. as Supervisor I and Drs. Otang Hidayat, M. Pd. as Supervisor II.

The research based on the background of low understanding of student class X science of senior high school Kemala Bhayangkari Bandung through concept of environmental changes/climate and recycled caused of applying of teaching model wich is unaccerated,it was difficult to understand message from the concept that was delivered by teacher. This research aims to understand the difference of the result to study for students before and after using learning model *Problem Based Lerning* with strategy *Numbered Heads Together* to concept environmental changes/climate and recycled di SMA Kemala Bhayangkari Bandung. The populations of the research is the students of class X Senior High School Kemala Bhayangkari Bandung and the sample is 30th students of class science X 1. The methodolody research is accievement which is measured cognitive domain by using 20 multiple choise question approsiated to the teaching indicator performance which has been tried out before. After holding a pretest and posttest, the research goes through the t test and got the different result significantly. Based on the averape of pretest is 38,08 while the posttest is 79,5 in the concept of environmental changes/climate and recycled at Senior High School Kemala Bhayangkari Bandung. As the conclution that *Problem Based Lerning* with strategy *Numbered Heads Together* can improve student lerning result. Based on gain index 0,66 takes into account that improvement of student result by using *Problem Based Lerning* model with *Numbered Heads Together* strategy is in the level of medium category.

Keywords : Problem Based Learning, Numbered Heads Together, Learning Outomes