This study was conducted based on the background of lack of understanding by students of class X SMAN 17 Bandung to the concept of bacteria caused partly by the application of appropriate learning method that is less difficult so that students understand the message of the material presented by the teacher. This study aims to determine the presence or absence of improving student learning outcomes in learning the concept of bacteria after using Think Pair Share. The method used for this study were all students of grade X SMAN 17 Bandung first half. The results showed the average value pretest amounted to 20 and the lowest score and the highest score of 60. The average value posttest for With the lowest score of 60 and a highest score of 90. The index value of N-Gain of pretest and posttest results of 11,3 including in the high category, while the test results showed t0,01 t = 2,76 Greater than t table (0,01) = 31,10 at significant level of 1% or α = 0.01 then there is a very significant difference. Obtaining data on the results of the study looks at the concept of bacteria that is the result of the use of learning Think Pair Share.

Keywords : Learning Think Pair Share, Learning Process, Concept Bacteria