

ABSTRAK

Intan chaerunisa, “Pengaruh model *Problem Based Learning* dan *Think Pair Share* Dalam Membandingkan Hasil Belajar Siswa Pada Sub Konsep Alga”, Pembimbing 1 Prof. Dr. H. Toto Sutarto Gani Utari, M.Pd. dan Pembimbing 2 Drs. Otang Hidayat, M.Pd.

Tujuan penelitian ini adalah mendapatkan informasi perbedaan dalam membandingkan hasil belajar kelas X dengan menggunakan model *Problem Based Learning* dan model *Think Pair Share* pada sub konsep Alga. Penelitian ini menggunakan metode *quasi eksperimen* dengan desain *Pretest-posttest group*. Populasi dari penelitian ini adalah siswa kelas X SMA Pasundan 2 Cimahi, yaitu kelas X-1 yang berjumlah 30 orang dan X-3 30 orang. Instrumen penelitian yang digunakan adalah tes kemampuan yang mengukur ranah kognitif berupa 30 soal pilihan ganda. Data hasil penelitian kelas *Problem Based Learning* didapatkan nilai rata-rata *pretest* sebesar $(3,84 \leq 11,3)$ dan rata-rata *posttest* sebesar 81,13 sedangkan hasil penelitian kelas *Think Pair Share* didapatkan nilai rata-rata *pretest* sebesar 40,8 dan rata-rata *posttest* sebesar 70,8. Setelah dilakukan penelitian *pretest* dan *posttest* peneliti melanjutkan dengan uji t dan diperoleh dengan hasil uji t signifikan pada model *Problem Based Learning* didapatkan hasil $t_{hitung} > t_{tabel}$ yaitu $16,21 \geq 2,682$ dan pada *Think Pair Share* $t_{hitung} > t_{tabel}$ yaitu $10,03 \geq 2,66$. Sehingga dapat disimpulkan bahwa penerapan-penerapan *Problem Based Learning* dengan *Think pair Share* untuk membandingkan hasil belajar siswa dalam pelajaran sub konsep alga dapat meningkatkan hasil belajar siswa. Akan tetapi, adanya perbandingan yang sangat signifikan penerapan *Problem Based Learning* lebih baik dari *Think Pair Share*.

Kata kunci : Model *Problem Based Learning*, model *Think Pair Share*, hasil belajar siswa.

ABSTRACT

Intan chaerunisa, "Influence model of Problem Based Learning and Think Pair Share In Comparing Student Results In Sub Alga concept ", Supervisor 1 Prof. Dr. H. Toto Sutarto Gani Utari, M.Pd. and Supervisor 2 Drs. Otang Hidayat, M.Pd.

The purpose of this research is to get information to compare the differences in learning outcomes of class X using the model of Problem Based Learning and model Think Pair Share on sub Alga concept. This study uses a quasi-experimental design with pretest-posttest group. The population of this research is class X SMA Pasundan 2 Cimahi, the class X-1 totaling 30 people, and X-3 30 people. The research instrument used was kemampuan tests that measure cognitive form of 30 multiple choice questions. Research data Problem Based Learning class earned an average pretest score of $(3.84 \leq 11.3)$ and average posttest at 81.13 while the results obtained Think Pair Share class average pretest score of 40.8 and average posttest 70,8. After doing research pretest and posttest researchers went to the t test and obtained by t test results showed significant because tcount. Table of Problem Based Learning is ≥ 2.682 16.21 and Think pair Share is $10,03 \geq 2,66$. It can be concluded that the applications may Problem Based Learning to Think pair Share to compare the results of student learning in subjects sub concept algae can improve student learning outcomes. However, the comparison is very significant application of Problem Based Learning is better than Think Pair Share.

Keywords: Problem Based Learning Model, model Think Pair Share, student learning outcomes.