

**STUDI KOMPARASI PEMBELAJARAN IPA ANTARA PENDEKATAN  
*SCIENCE ENVIRONMENT TECHNOLOGY AND SOCIETY (SETS)* DAN  
*CONTEXTUAL TEACHING AND LEARNING (CTL)* DITINJAU DARI  
KETERAMPILAN PROSES SISWA SMP**

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**ABSTRAK**

Penelitian ini bertujuan untuk mengetahui ada tidaknya perbedaan yang signifikan antara pendekatan SETS dan CTL terhadap keterampilan proses siswa SMP pada pembelajaran IPA.

Jenis penelitian yang digunakan adalah *quasi experiment* dengan desain *nonequivalent comparison-group design*. Populasi penelitian diambil dari siswa kelas VIII SMP N 1 Sewon sebanyak 215 siswa. Teknik pengambilan sampel dilakukan dengan cara *cluster random sampling*. Kelas VIII B sebagai kelas eksperimen 1 (*Science Environment Technology and Society*) dan kelas VIII G sebagai kelas eksperimen 2 (*Contextual Teaching and Learning*). Instrumen yang digunakan adalah soal *pretest*, soal *posttest* dan lembar observasi. Untuk melihat perbedaan keterampilan proses siswa setelah diberi perlakuan digunakan uji *Mann Whitney U Test* karena pada saat uji prasyarat ada prasyarat yang tidak terpenuhi yaitu data tidak terdistribusi normal.

Uji *Mann Whitney U Test* keterampilan proses siswa menunjukkan nilai Asymp. Sig. (2-tailed) sebesar 0,000 dengan taraf signifikansi 5%, sehingga dapat disimpulkan bahwa terdapat perbedaan keterampilan proses yang signifikan antara kelas yang menggunakan pendekatan SETS dengan kelas yang menggunakan pendekatan CTL.

Kata kunci: *Pendekatan SETS, Pendekatan CTL, Keterampilan Proses Siswa*

**THE COMPARISONS STUDY OF SCIENCE LEARNING BETWEEN  
THE SCIENCE ENVIRONMENT TECHNOLOGY AND SOCIETY (SETS)  
APPROACH AND CONTEXTUAL TEACHING LEARNING (CTL)  
APPROACH VIEWED FROM JUNIOR HIGH SCHOOL STUDENTS  
PROCESS SKILLS**

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**ABSTRACT**

This research aims to find out whether there is significant difference between the approach of the SETS and the CTL against process skills of junior high school students in learning of science.

This type of research is quasi experiment design with *nonequivalent comparison-group design*. The population of the research was taken from the students of class VIII SMP N 1 Sewon as much as 215 students. The technique of sampling was done by cluster random sampling. Class VIII B is the class experiment 1 (Science Technology and Environment Society) and class VIII G is the class experiment 2 (Contextual Teaching and Learning). The instruments used are pretest, posttest question, and observation sheets. To was used see the difference in the skills of students after being given the treatment process used test Mann Whitney U Test because at the time there was a prerequisites test prerequisites that are not met, I.e. data not distributed normally.

Test Mann Whitney U Test the skills of the process students demonstrate the value of Asymp. sig (2-tailed) of 0.000 with a significance level of 5%, so that it can be concluded that there is a difference process of skills is a significant between that class use the approach SETS with class that use the approach of CTL.

Keywords: SETS Approach, CTL Approach, Process Skills