
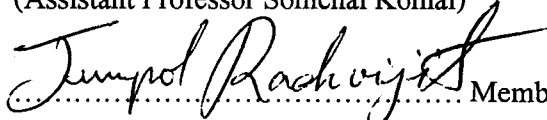



THESIS TITLE: A COMPARATIVE STUDY OF PRATHOMSUKSA II
STUDENTS' SCIENCE LEARNING ON PHYSICAL
ENVIRONMENT USING THE SCIENCE PROCESS
APPROACH AND THE CONVENTIONAL APPROACH
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ABSTRACT

The purpose of this study was to compare the science learning of Prathom Suksa II Students' on "Physical Environment", a unit in the Life Experience Group, by using the science process approach and the conventional approach.

A total number of 60 Prathom Suksa II Students' were from Ban Nanongthum School. Amphoe Chumpae Changwat Khon Kaen, in the second semester of the academic year 1998 and assigned to be the experimental group (30 students) and the control group (30 students). The research tools were the lesson plans using the science process, the lesson plans of the conventional approach, the achievement test, the science process skills test and the science attitude test. The Pretest-Posttest Equivalent Group Design was utilized in the study. The datas were analyzed by the t-test.

It was found that students' science achievement test, the science process skills and the scientific attitude in experimental group was significantly higher than those in the control group at the .01 level.