

The purposes of this research were to study the science concepts of kindergarteners learning science by learning center teaching approach, and to compare the level of science concepts among the kindergarteners who had learnt science by learning center teaching approach and those had learnt by normal teaching approach.

Twenty module-lesson plans for learning center teaching approach and a set of science concepts test were utilized as tools for collecting the data. The sample population under the study was drawn from the first year kindergarteners of Chonburi Kindergarten school who enrolled in the 3rd quarter of the 1990 academic year. The total number of sixty kindergarteners were randomly selected. Among them, thirty were treated as experimental group, and thirty as controlled group.

The results of this study revealed that :-

- 1) After the experimentation, kindergarteners who had learnt science by learning center teaching approach possessed higher level of science concepts than that they previously possessed, this difference was shown by .01 statistical significance.

- 2) The experimental group who had learnt science by means of learning center teaching approach and those of controlled group learning by normal teaching approach possessed non-different degree of science concepts, " this was shown by .01 statistical significance.