The Effect of Demonstration Method on Students' Science Achievement at the Middle School Level

Khin Mar Khine[1] and Hnin Sandar Aye[2]

Abstract

The purpose of this study is to study the effect of demonstration method on students' science achievement at the middle school level. The design adopted in this study was the posttest only control group design. The students from the experimental group were taught by demonstration method. Two sample schools were selected by simple random sampling method. The participants were (60) Grade six students from both B.E.H.S. (1) Insein and B.E.H.S. (2) Mayangone. The independent samples t-test was used in the analysis of the quantitative data. This study showed that students who learnt with demonstration method had positive attitude towards learning in science. There were significant differences in the science achievement of middle school students who were taught by demonstration method and those who were not. It was concluded that teaching by demonstration method was effective in raising students' science achievement at the middle school level.

Key words: Effect, Demonstration, Science, Achievement.

1. Professor and Head, Dr., Department of Methodology, Yangon University of Education
2. Senior Assistance Teacher, Basic Education High School (Branch) AThayaw, Tharyarwaddy Township, Bago Region