

Benya Kwanyuen 2010:Supplementary Reading Construction of Work-Oriented Experience and Technology (Agriculture) on the Unit Learning Durian Muang Nonth for Prathomsuksa 5 students at Anurajaprasit School, Nonthaburi Province. Master of Education (Vocational Education Development), Major Field: Vocational Education Development, Department of Vocational Education. Thesis Advisor: Mr. Sompop Suwanarat, Ph.D. 216 pages.

The purposes of this research were 1) to construct Supplementary Reading of Work-Oriented Experience and Technology (Agriculture) on the Unit Learning Durian Muang Nonth for Prathomsuksa 5, 2) to compare learning achievement between students who learned via the Supplementary Reading and those who learned from regular teaching, 3) to study students' satisfaction on the booklets of Durian Muang Nonth.

The sampled group was randomly selected 80 students in the second semester, academic Year 2009 at Anurajaprasit School, Muang District, Nonthaburi Province, using simple sampling technique. They were divided into two groups, experiment group of 40 students and control group of 40 students. The Randommized control Group, Pre-test and Post-test design were used to examine students' achievement. The tools were booklets, lesson plan 6 units and to survey students' satisfaction. The statistics used for data analysis were percentage, mean, standard deviation and t-test.

The results of the research were as follows:

- 1) The efficiency of the Supplementary Reading on the Unit Learning Durian Muang Nonth was at 84.50/82.83
- 2) Students' learning achievement after reading the Supplementary Reading on the Unit Learning of Durian Muang Nonth had differentially significant statistics at 0.01 level from the students who learned via from regular teaching.
- 3) Students' Satisfaction on the booklets was at the most level ($\bar{X} = 4.23$, S.D. = 0.84).

Student's signature

Thesis Advisor's signature