
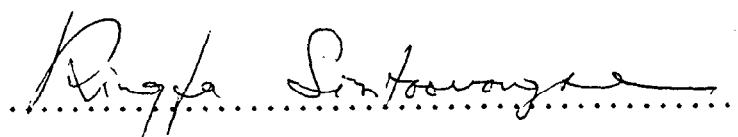
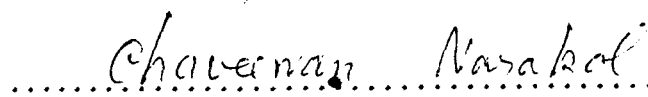


THESIS TITLE : THE CONSTRUCTION OF SCIENCE INSTRUCTIONAL PACKAGES
IN LIFE EXPERIENCE GROUP UTILIZING LOCAL WISDOM
AUTHOR : MISS BENJAMAPORN KAATMANEE
THESIS ADVISORY COMMITTEE


..... Chairman
(Dr. Suphasinee Subhadhira)


.....
(Associate Professor Dr. Kingfa Sintoovongse)


.....
(Associate Professor Chaveewan Narakol)

ABSTRACT

The purposes of this research were to collect local wisdom in science for elementary school, and to construct science instructional packages in Life Experience Group utilizing local wisdom in order to obtain an efficiency ratio of 80/80 and effectiveness index of more than .50.

The science content of 11 instructional packages were from Life Experience Group utilizing local wisdom in Prathom Sukku IV, V and VI. These instructional packages were tried out and tested effectiveness and efficiency with students from Wangtakai school Group, Amphur Nong Bualaway, Chaiyapum.

The findings of this study showed that there were 6 instructional packages had higher level than standard level of effectiveness index and of efficiency ratio; however the other 5 instructional packages had the standard level of effectiveness index and efficiency ratio. The 6 instructional packages were "Water-Fittering", "Weights, Measures and Balance", "Use and Storage of Fuel", "Shampoo Making from Local Resources", "Maintaining the Balance of Nature" and "Insect Control and Natural Insect Control" and the other 5 instructional packages were "Irrigation", "Soil Conservation", "Plant Protection and Pest Control", "Benefits of Air Pressure" and "Local Irrigation Problems".