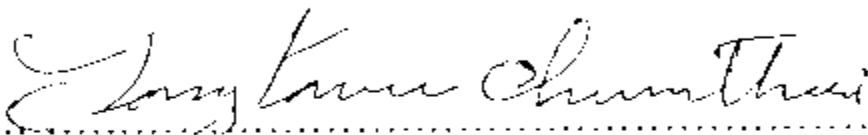


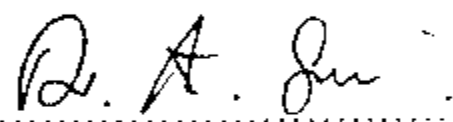
THESIS TITLE : A STUDY ON THE DEVELOPMENT OF LOCAL CURRICULUM OF THE
WORK - ORIENTED EXPERIENCES IN THE BRANCH OF
AGRICULTURE IN RAISING DOMESTIC FROGS (*Rana tigerina*) OF
PRATHOMSUKSA VI STUDENTS OF BAN NON MUANG SCHOOL,
PROJECT OF THE OFFICE OF NONGBUALUMPOO PROVINCIAL,
PRIMARY EDUCATION.

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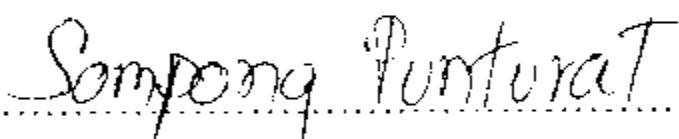
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Abstract

This investigation was carried with the following objectives : (1). To develop local curriculum with respect to the foundation on a branch of professional teaching subject i.e. agriculture. For this work it had been emphasized on raising farm frogs (*Rana tigerina*) for Pratomsuksa VI students for Ban Non Muang School, Naklang District, Nongbualampoo Province. (2). To investigate on leaning achievements and working skills of the students in raising farm frogs under the teaching plans developed by researcher-referenced with the emphasis on group working process. The group samples being used for this work were 61 students of Ban Non Muang School, Naklang District, Nongbualampoo Province, during the First Semester of 1998. The instruments being used for this work were 10 teaching plans, 61 tests of both group working skills and learning achievements. Each test paper contented 50 numeric questions with the IOC value of 0.6 upward. The instruments being used were satisfactorily tests though the expert of subject. After the

completion of the experiment, The attained marks on learning achievements of the students were used for statistical analysis by comparing with the confidential limits of 80 % whilst learning skills were calculated by arithmetic mean and standard deviation and statistical t-test. The results could be concluded as follows:

1. The use of this devised curriculum was successfully tested. The students who had attended the course were able to achieve both learning achievements and learning skills successfully. The teaching encouraged the students to build up their practical skills in raising farm frogs with outstanding cooperation among members. They learned how to solve out the problems with their inspiration and anxiety.
2. With the use of this teaching sequential action, this action research provided steps and development in research in proving learning and teaching methods starting from the development of the plans, surveying and identifying the problem and the need of the local population. This was leading to the achievements of reliable profession, gathering information, teaching plans, test of practical skills. These information were applied into 4 cycles i.e. Cycle number one consisted of teaching plans 1-5, Cycle number two composed of teaching plans 6-10, Cycle number three comprised of learning skills at stage 1 beings from the construction of pond until the start to raise one month old frogs. Cycle number four consisted of the action on feeding and protecting frogs from other risky factors including marketing of the frogs. After the end of each cycle, a discussion on the improvement of the steps had to be clarified and take the gathered information into practice.
3. All of the students who had attended the course successfully achieved their learning achievement greater than 80 %. However, there was no statistical difference among the student samples tested ($P > 0.05$). At the same time the students were able to achieve learning skills at an excellent level.
4. The raising of farm frogs of 1,000 individuals started from the age of one month and they were well look after for 3.5 months. The survival of frogs was greater than 70 % with average weight of 57.51 gram or approximately 17 frogs for a kilo. They were sold out at the price of 80 Baht/kilo and all together made up of 40.26 kilos with the total amount of 3,220.56 Baht with the margin profit of 952 Baht. However, It is anticipated that all tools and ponds could be reused many times and eventually more margin profits could be achieved when continue raising frogs still.