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KEY WORD : A SUPPLEMENTARY BOOK / LEARNING RESOURCES IN TAMBON  
NONG KHAO MUNICIPALITY

AMARA CHUANKHAYAN : A SUPPLEMENTARY BOOK CONSTRUCTION ON  
LEARNING RESOURCES IN TAMBON NONG KHAO MUNICIPALITY. INDEPENDENT STUDY  
ADVISOR : JEERAWAN TRISORUS. 272 pp.

This independent study was conducted in accordance with the Pre - Experiment Design (one – group posttest design or one – shot case study ). The purposes were to : (1) construct a supplementary book focusing on the topic of the learning resources in Tambon Nong Khao municipality for Mathayomsuksa four students to meet its hypothetical level of efficiency, (2) examine the Mathayomsuksa four students' learning outcome after the implementation of the supplementary book of the learning resources in Tambon Nong Khao municipality, (3) study the students' opinions towards the supplementary book.

The samples of this study were 45 students from Mathayomsuksa four , class 4/5, Visuttharungsi school, Kanchanaburi province obtained by simple random sampling. The treatment was conducted 2 hours per week within the duration of 4 weeks , total 8 hours.

The instruments employed to collect data were (1) a supplementary book focusing on the topic of the learning resources in Tambon Nong Khao municipality (2) a test to be performed as a posttest and (3) a questionnaire inquiring students' opinion.

The collected data were analyzed by the statistical means of mean, percentage, standard deviation and content analysis.

The findings were as follows:

1. The efficiency of the supplementary book was found at the percentage of 93.19/83.11 which was higher than the expected efficient criterion of 80/80.
2. The students' learning outcome after the implementation of the supplementary book of the learning resources in Tambon Nong Khao municipality was found at the percentage of 83.11 which was higher than the expected efficient percentage of 75.
3. The students revealed their positive opinions towards the supplementary book of the learning resources in Tambon Nong Khao municipality at the 'high' level.

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An Independent Study Advisor's signature .....