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**KEY WORDS : SUPPLEMENTARY BOOK / CONSERVATION/ ELECTRIC ENERGY/
PRATHOMSUKSA SIX STUDENTS**

**SUTTICHA BOONYAMANIE: THE DEVELOPMENT AND IMPLEMENTATION OF
THE SUPPLEMENTARY READING BOOK ON "THE CONSERVATION OF ELECTRIC ENERGY
IN THE HOUSEHOLDS" FOR PRATHOMSUKSA SIX STUDENTS. THESIS ADVISORS:
DALAPAT YOSSATORN, M.Ed. TIPPAN NAWAWONGS, C.A.S. WASIN PLUMCHAROEN, M.Ed.
170 p. ISBN 974-664-261-8**

This research aimed to develop and implement the supplementary reading book on the conservation of household use of electricity for Prathomsuksa Six students. The book, written in cartoon book style, presented the story of how electricity was generated using natural resources and how to wisely and economically use the household electrical appliances.

The implementation of the developed book was carried out with the Pretest – Posttest Control Group Design. Sixty students from Danchang school were randomly selected and assigned to “experimental” and “controlled” groups, 30 students for each group. Members of the “experimental” group were given the books to read, whereas members of the “controlled” group were not.

The result of this research showed that the posttest average score of the “experimental” group was significantly higher than that of “controlled” group at 0.05 level, and both the experts and students expressed their satisfaction with the quality of the book.

Research results indicated that the book should be suitable for being used as a supplementary reading book for Prathomsuksa Six students to enhance their knowledge and awareness of the economically use of electricity for household appliances. Follow-up research is recommended to see whether the students have developed positive behavior in the use of household electrical appliances.