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PICHAYA PANTARAK : THE DEVELOPMENT AND ASSESSMENT OF A
SUPPLEMENTARY READING BOOK ON HEALTHY CITIES FOR THE UPPER
SECONDARY SCHOOL STUDENTS . THESIS ADVISORS : WARAPORN SRISUPAN,
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The objectives of this research were to construct a supplementary reading book on healthy cities for upper secondary school students and to study the achievement and satisfaction levels of students using this book.

The study was divided into three steps. First, the book was constructed by setting concepts, behavioral objectives, units of study and format. Then, the first draft was written and evaluated by experts twice. Second, the text was piloted with 33 students. Third, the text was evaluated using pre-test and post-test controlled groups. The population sample was selected by multi-stage sampling. Two classrooms of level 4 students (70 total) in Rajavinit Mathyom School were selected. They were divided into two groups, experimental and control. Achievement tests and the questionnaire regarding satisfaction of the supplementary reading book were collected and analyzed by statistics, t-test.

The results showed that after using the book, the experimental group increased their knowledge significantly at level 0.05. The scores of the experimental group were significantly that of higher than the control group at the level 0.05. Regarding the satisfaction aspect, the experimental group was rated high in satisfaction with the book.

In conclusion, this supplementary reading book is suitable for use in upper secondary school levels for increasing of the knowledge on the healthy cities.