

Thesis Title The Development and Try-out of an Environmental Education
Supplementary Reading Book on "The Beautiful Forest" For
Elementary Grade 6.

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Abstract

The purposes of this research were to develop and try-out an environmental education supplementary reading book entitled on "The Beautiful Forest" for Elementary Grade 6.

The steps of research includes the construction of supplementary book and the try-out of the book. The construction process consists three stages of development which involves evaluation by group of experts, by three groups of students and final evaluation by experts.

The try-out process applies a pre-test and post-test experimental and controlled group design. The samples of 30 experimental group and 30 control group were randomly drawn from grade six students of Watmathangkaravas Elementary School in Phrae Province.

The experiments starts with a pre-test of both groups, then only experimental groups were given the books to read. After a period of 60 minutes reading, both groups were given the post-test in order to compare whether reading the books would increase the test scores. T-test was used for testing statistical significance.

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The results of this research revealed that:

1.The supplementary reading books being developed consists a very good format. The content and use of language was rated by the experts as good also.

2.The achievement test scores from the post-test were significantly higher than those from the pre-test at a 0.05 level. The study also revealed that the post-test scores of experimental group were significantly higher than the pre-test scores of the control group.

The results of this research implies that the supplementary reading books developed would increase student's knowledge. This also implies the possibility for school to use the book to supplement teaching of environmental education in Elementary Grade 6.