

Chartpirom Surachet : A Comparative Study of Learning

Achievement and Retention as Affected by Photographs and

Cartoons Used as Advance Organizers in Slide-Tape Lessons.

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The purpose of this research was to study the achievement and retention of learning from slide tapes using photographs as an advance organizer, compared to using cartoons content on Wood Work Technology I. The sample groups were 60 first-year students of the 1989 academic year in a vocational education certificate program in the Department of Furniture Making and Design, Rajamangula Institute of Technology, Bangkok Technical Campus, randomly assigned into 2 experimental groups, each group comprised 30 students.

The research instrument were as follows : slide tapes using photographs and cartoons as advance organizers as well as an achievement test and the test of retention of learning on basic wood working techniques designed by the researcher. Scores from the test were then analyzed to obtain the arithmetic mean, standard deviation and validated by means of t-test.

The finding revealed that students' achievement and retention of learning from slide tapes using photographs as an advance organizer, compared to using cartoons, was no significant difference at the statistical .01 level.