

**Thesis Title**

Relationship Between Cognitive Styles and Bloom's Cognitive Domain level of Prathom Suksa 6 Students

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**Abstract**

The purpose of this study was to study the relationship between Cognitive Styles and Bloom's Cognitive Domain level of Prathom Suksa 6 Students. The Cognitive Style was divided into three Styles; Analytical Style, Categorical Style and Relational Style. The Bloom's Cognitive Domain was divided into six domains; Knowledge, Comprehension, Application, Analysis, Synthesis and Evaluation.

The samples were 320 Prathom Suksa 6 Students from school under the Jurisdiction of Muang District Primary Education Office, Chiang Mai Province in 1993. The instruments used to collect data were three Cognitive Styles which the reliability of each subtest was .842 .855 and .951 respectively and six Bloom's Cognitive Domain which the reliability of each subtest was .676 .707 .733 .784 .847 and .808 respectively. The data were analysed by using SPSS/PC<sup>+</sup> computer program to find the correlation coefficients and the coefficients of multiple correlation.

The Results were as follow :

1. The correlation between Analytical Style and each Cognitive Domain was significant at .01 level. Except Synthesis was significant at .05 level.

The correlation between Categorical Style and each Cognitive Domain was significant at .01 level. Except Knowledge was significant at .05 level.

The correlation between Relational Style and each Cognitive Domain was significant at .01 level. Except Comprehension was significant at .05 level.

2. The multiple correlation between three types of Cognitive Style and each Cognitive Domain were significant at .01 level. The best predictors of Cognitive Style to predict each Cognitive Domain were :

2.1 The multiple correlation between Analytical Style, Relational Style and Knowledge was .275 and the coefficient of Determination was 7.6% .

2.2 The multiple correlation Categorical Style and Comprehension was .262 and the coefficient of Determination was 6.8% .

2.3 The multiple correlation between Analytical Style, Categorical Style, Relational Style and Application was .333 and the coefficient of Determination was 11.1% .

2.4 The multiple correlation between Categorical Style, Relational Style and Analysis, Synthesis, Evaluation was .405, .315, .272 and the coefficient of Determination was 16.4%, 9.9%, 7.4% respectively.