

## C740364 : MAJOR EDUCATIONAL MEASUREMENT AND EVALUATION  
KEY WORD: LEARNING STYLE PREFERENCE SCALE / RATING SCALE / GOALS

INTERDEPENDENCE / LEARNING APPROACHES

ORANUCH CHALEERIN : THE DEVELOPMENT OF LEARNING STYLE PREFERENCE  
SCALE FOR UPPER SECONDARY SCHOOL STUDENTS. THESIS ADVISOR :  
ASSO. PROF. SUWIMON WONGWANICH, Ph.D. 185 pp. ISBN 974-635-465-5

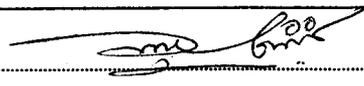
The purposes of this research were to develop and investigate validity and reliability of the learning style preference scale for upper secondary school students. The developed scale was composed of two factors. The first factor is goals interdependence consisting of 3 measures : cooperative, competitive and individualistic styles. The second factor is learning approaches consisting of 3 measures : surface, deep and strategic approaches. A four-point learning style preference scale consisted of 36 items. The sample which was obtained by simple random sampling method, consisted of 2,143 upper secondary school students in Bangkok, Department of General Education, Ministry of Education, in the 1996 academic year. Item fit statistics were analyzed through BIGSTEPS program. Cronbach's alpha coefficient and Pearson's product - moment correlation coefficient were employed to determine internal consistency and test - retest reliability of the scale, respectively. Construct validity was detected through exploratory and confirmatory factor analysis using LISREL program.

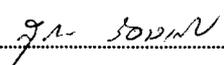
It was found that the developed learning style preference scale consisted of 30 items with good fit statistics. Internal consistency and test-retest reliability of the scale were .7565 and .6577, respectively. The construct validity was also found through exploratory and confirmatory factor analysis.

ภาควิชา..... วิทยาลัยการศึกษา.....

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