

Thesis Title	Self-trait and Learning Environment Factors Affecting Self-directed Learning Readiness of Chiangmai University Demonstration School Students
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ABSTRACT

The purposes of this study were: 1) to study the relationship between self-trait and learning environment Factors affecting students' self-directed learning readiness 2) to examine self-trait and learning environment Factors affecting students' self-directed learning readiness; 3) to formulate prediction equations of self-trait and learning environment factors affecting students' self-directed learning readiness. The samples were 480 Chiangmai University Demonstration School students studying in the first semester, academic year 2009 and they were selected by Simple Random Sampling techniques. Data were collected by 2 instruments: 1) The evaluation form of the self-directed learning readiness, self-esteem, future expectation, and achievement motivation. 2) The evaluation form of the learning environment, relationship with teachers, relationship with friends, child care-taking and leadership. The analysis processes included Pearson's Product Moment Correlation, and Multiple Regression Analysis conducting Stepwise technique.

The results of the research were as follows:

1. According to the relationship between each factor and students' self-directed learning readiness, it was found that achievement motivation, future expectation, self-esteem, leadership of responsibility, classroom atmosphere, relationship with teachers and relationship with friends all related in the same way, like, self-directed learning readiness

2. The self-trait and learning environment factors affect students' self-directed learning readiness revealed that 6 of 14 factors: achievement motivation , self-esteem, relationship with teachers, leadership of intelligence, leadership of human relationship, and future expectation could together predict self-directed learning readiness by 61.1%

3. The results of formulating prediction equations with raw score and standard score for self-trait and learning environment factors affecting students' self-directed learning readiness were revealed as follows:

The prediction equation with raw score:

$$\hat{Y}_{all} = 60.799 + 2.195X_{AMO} + 1.436X_{LIN} + 0.382X_{SES} + 0.383X_{RBT} - 0.694X_{LRL} + 0.333X_{FEX}$$

The prediction equation with standard score:

$$\hat{Z}_{all} = 0.737X_{AMO} + 0.155X_{LIN} + 0.171X_{SES} + 0.125X_{RBT} - 0.80X_{LRL} + 0.104X_{FEX}$$