**Research Title :** Decision making to continue higher education of high school students.

**Researcher :** Mister Pachara Wangme

**E-mail :** pachara.wa@ssru.ac.th

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The purposes of this research study were 1) to survey the influence factors toward decision making to continue higher education of high school students (Mathayom 5 – 6) during academic year 2017. 2) To compare the influence factors toward decision making to continue higher education of high school students (Mathayom 5 – 6) in a demonstration school in Dusit district following their genders, age, grade point average, academic plans, number of sibling(s), education level of parents, father’s career, mother’s career, and economic status. The population was 302 students from Mathayom 5 and 6 who is studying during second semester, academic year 2560. The sample of this study, were 180 students, were selected by stratified sampling randomization. The instrument for data collection was a survey questionnaire, asking about the influence factors toward decision making to continuing higher education. Data analysis were described by mean and standard deviation. Moreover, the data analysis were utilized by t-test to compare the mean difference(s) between groups and the analysis’ Brown-Forsythe to test the differences between groups with more than 2 variables.

The results found that (1) the influence factors toward decision making to continue higher education were personal factors, school environmental factors, economic factors, and social factors. The results indicated high level of influence from 3 factors such as economic factors, social factors, and social factors. (2) Findings found that there are factors are correlated to each other. The students’ age is correlated with related persons; and the factors of academic plan, father’s education, parents’ career are correlated with the institute’s environments. Furthermore, students’ age, GPA., academic plan, numbers of sibling, and parents’ career are correlated with economic factors and gender. The results also shown that student’s age and father’s career are correlated with social factors.

**Keyword :** decision making, influence factors