



**Independent Study Title** Using SSCS Model to Promote Mathematical Problem Solving Ability on Inequality of Mathayom Suksa 3 Students

**Author** Miss Aphinphorn Manim

**Degree** Master of Education (Mathematics Education)

**Advisor** Lect. Dr. Porntip Rojsiraphisal

### **ABSTRACT**

The purpose of this independent study was to study an ability to solve inequality word problems of Mathayom Suksa 3 students using SSCS model.

The target group were 35 Mathayom Suksa 3/1 students at Fangchanuthum School in second semester of academic year 2013. The instruments were lesson plans using SSCS model on the topic about inequality, problem solving observation form, and problem solving ability test.

The results showed that the students can apply knowledge and experience to solve inequality word problems in different ways, up to three methods. Students' mathematics problem solving abilities were at a very good level in all steps of SSCS model.