

Evaluation of an educational program for rural  
women's motivation to solve problem based on  
gender equality

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<Abstracts>

The objectives of this study were to develop an educational program of rural women's motivation to solve problem, to apply the educational program to rural women as a pilot test, to evaluate changes of rural women's perceptions on gender inequality or policies and attitudes on women's problem solving, and to suggest some items for further study.

The educational program of problem solving for rural women was consisted of 8 sectors as follows; to introduce the importance of problem solving, to check problems in every day life, to find a problem from former experience, to define the problem of rural women, to screen the optimal method of problem solving, to rethink the leader's role of problem solving, to explain the practical method of problem solving by oneself, to inform the note of next class. This program was applied to 24 persons of rural women in a county agricultural technology center as an extension station. And two times of survey were conducted to the persons at before and after the class.

The perception on gender inequality and policies of them was enhanced after the educational program for problem solving. And the attitudes to problem solving of rural women was also a little bit of good for problem of participants in the educational program.

According to their general characteristics, by age, below 50 years old rural women more changed in the perception on gender inequality and policies. Decision making of good alternatives consisted into 10 items of problem solving tasks was changed most highly. But rural women had bottlenecks to get information, to understand data, and to

analyze the documents for problem solving, which should be considered in developing the educational program.

### I. Objectives

The objectives of this study were as follows;

- 1) Development of an educational training program for rural women to stimulate the self awareness of themselves and to motivate the their intention of problem solving by themselves
- 2) Evaluation of the educational training program
- 3) Suggestion for further study

### II. Methods

The educational training program was developed by several types of methods as follows; to review papers and case studies, to redefine the former experiences of researcher, to discuss the principles of educational program by specialist focus group at 3times.

For evaluation of the educational program, it was applied to 24persons of a county agricultural technology center during 2hours a day in 2006.

### III. Major Results

Contents	Min	Contents	Min
Introduction	5	Ways to solve problems	30
Check problem of oneself	20	Leader's role of problem solving	10
Find out a problem in life	10	Self directed learning of problem solving	10
Understand gender equality	30	Closing	5

### 2. Application of the educational program

#### A. Characteristics of subjects

- 1) Age : 52.3yr.old(average), 46-50yr.old 47.1%
- 2) Educational attainments : below elementary schooling

55.6%, below middle schooling 27.8%

3) Major crop : rice 37.5%, red pepper 25, sweet potato 12.5

4) Membership : two kinds of groups 63.2%

5) Position of a group : person in charge 30.0%

B. Assignment of problem solving task

1) Conditions : Interview a rural woman by a researcher

2) Presentation procedures

Brief statement of situation

Show a slide of comic strip

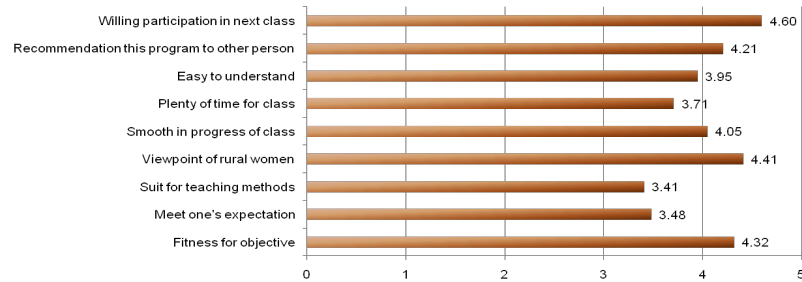
Role-playing of 2 assistants

Assignment of a task

Brain storming

3. Satisfaction on the educational program

Almost of participants were satisfied on the educational training program for problem



4. Changes between before and after of class

5. Changes of perception and attitudes

구 분	Before	After	Paired-t
Perception score on gender inequality	7.45	16.30	-4.16**
Attitudes & capabilities for problem solving	20.35	24.10	-3.55**
Bring up a question	2.00	2.79	-6.43**
Continuous trial to solve a problem	2.35	2.70	-1.93
Various data collecting	1.60	2.55	-6.19**
Consulting for other person	2.20	2.35	-0.72
Habitual note & recording of observation	2.10	2.45	-2.10*

Search for various a alternatives	2.00	2.55	-2.46*
Analysis of the original cause	2.00	2.44	-2.05
Decision making of good alternative	1.94	2.67	-3.71**
Understanding data & documents	1.78	2.22	-1.92
Sensitivity of gender inequality	2.17	2.50	-1.56

#### B. Variables of perception and attitudes

구 분		평균	SD	t- value	
Perception score on gender inequality	Age	Below 50yr.old	5.28	7.89	-2.58*
		Over 51yr. old	9.11	7.18	
Attitudes & capabilities for problem solving	Group Membership	No	19.5	2.93	-2.87*
		Yes	23.3	2.16	

The major variable were age, group membership.

#### IV. Conclusion & Suggestion

This program was considered as useful for rural women's gender sensitivity and problem solving. But the program of 2 hours was not enough to promote or to take the capability of problem solving based on gender equality. Therefore the further study should be needed.