

Programme for Organising Students' Choices

(Curriculum Development Institute)

Instruction

(A) Purpose

The programme aims at helping school to analyse and organise the choices (electives) that students make in the elective component of the New Senior Secondary curriculum.

(B) Pre-requisites

System Requirement: MS Excel 2003 or above

Your Excel macro security must be set to medium or low and to install the "Solver(規劃求解)" and "VBA分析工具箱". Please follow the steps below to set the proper setting :

1. Open a blank Excel worksheet
2. Click "Tools"
3. Click "Macro"
4. Click "Security"
5. Under the "Security" tab, click either "Medium" or "Low"
6. Click "Tools"
7. Click "Add-in (增益集)"
8. Click "Solver(規劃求解)" and "VBA分析工具箱"
9. Click "Confirm"
10. Quit Excel

(C) Steps to generate the results (Please refer to the User Manual for details) :

First of all, open file organising_student_choices_v3_080411.xls. Then select the "Setup" worksheet and follow the steps below .

1. Enter students' names and choices of elective subjects.
2. Enter subject codes for the elective subjects.
3. Decide number of groups required for each elective subject.
4. Decide maximum number of students per group.
5. Decide the number of groups per elective.
6. Decide the programme run time.
7. Start running the programme.
 - a. View the elective subjects in each elective group in Table 1
 - b. View the satisfaction rate for the allocation in Table 2
 - c. View the subjects allocated to each student in Table 3
 - d. View the choices of elective subjects allocated to each student in Table 4
 - e. View the name of students assigned to each subject in Table 5
8. Re-run the programme (if necessary).
9. Manual assign subjects to students.
10. Update subjects allocation.

Note: (1) To avoid accidental corruption of formula in the spreadsheets, the spreadsheets are protected.

(2) For enquiry, please feel free to contact the Council and Secondary section, Education Bureau at 2892 5856

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