

Input Parameters

Enter the number of students

3

-

+

Node and Font Size

Node Size

32

1050

Font Size

12

820

Student 1

Select courses for Student 1

Math × Science × History ×

⌵

Student 2

Select courses for Student 2

Science × English × Music × Biology ×

⌵

Student 3

Select courses for Student 3

Literature × Psychology × Dance × History ×

⌵

Art ×

Customize Colors

Color for Day 1

Color for Day 2

Color for Day 3

Color for Day 4

Color for Day 5

Graph Layout

Choose a layout

Circular

⌵

Exam Scheduling via Welsh Powell Algorithm

Minimum Required Days (Chromatic Number): 5

Course Schedule by Day

	Day 1	Day 2	Day 3	Day 4	Day 5
0	History	Science	Psychology	Literature	Dance
1	English	Art	Music	Biology	
2	Geography		Math		
3	Chemistry				
4	Physics				
5	Economics				
6	Philosophy				
7	Sociology				
8	Physical Education				
9	Computer Science				
10	Business Studies				
11	Soccer				
12	Driving				

Interactive Schedule Editor

Manually adjust the schedule below. Note: A course can only be scheduled for one day.

Schedule Validation Failed

Courses scheduled on multiple days:

- Math is scheduled on Day 3, Day 5

Please fix the highlighted conflicts by moving courses to different days.

Schedule with conflicts highlighted in red:

	Day 1	Day 2	Day 3	Day 4	Day 5
0	History	Science	Psychology	Literature	Dance
1	English	Art	Music	Biology	Math
2	Geography		Math		
3	Chemistry				
4	Physics				
5	Economics				
6	Philosophy				
7	Sociology				
8	Physical Education				
9	Computer Science				

	≡ Day 1	≡ Day 2	≡ Day 3	≡ Day 4	≡ Day 5
	History	Science	Psychology	Literature	Dance
	English	Art	Music	Biology	Math
	Geography		Math		
	Chemistry				
	Physics				
	Economics				
	Philosophy				
	Sociology				
	Physical Education				
	Computer Science				

Apply Changes

Reset Changes

Validate Schedule

Graph Visualization

